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Whatsapp Danışma ve Sipariş Hattı

DIRETECH





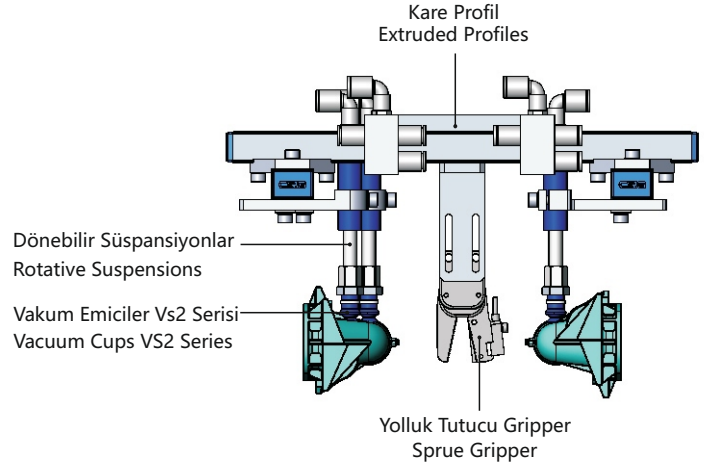
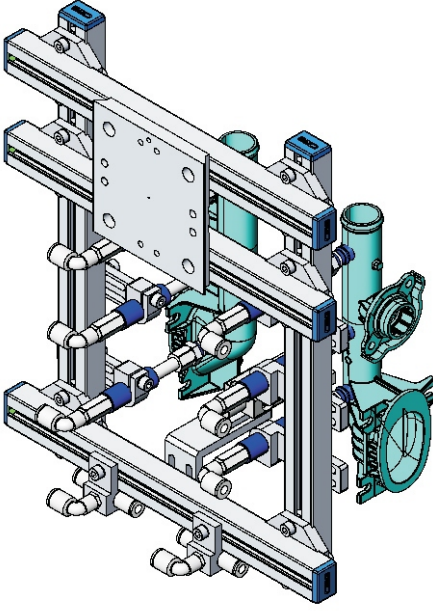
CRG, EOAT tasarım, geliştirme, satış ve servis alanlarında faaliyet göstermektedir. On yılı aşkın süredir enjeksiyon otomasyonu alanında faaliyet göstermekteyiz. Otomasyon tasarımını daha esnek ve daha güvenilir hale getirmek için modül tasarım konseptine dayanır.

CRG has been involving in EOAT design, development, sale and service. We have been operating in the field of injection automation for more than ten years. Base on module design concept, to makes automation design simpler more flexible and more reliable.



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Ana Çerçeve Base Frame



Ürün Açıklaması:

İki Gözlü Kalıp

Vakum Tutucu ile Parçalar Çıkabiliyor

Yolluklar Yolluk tutucu ile çıkabiliyor

Hava Devresi Emiş hattı ve gripper hattından oluşmaktadır.

Ağırlığı Yaklaşık 2 kg 'dır.

Product Description:

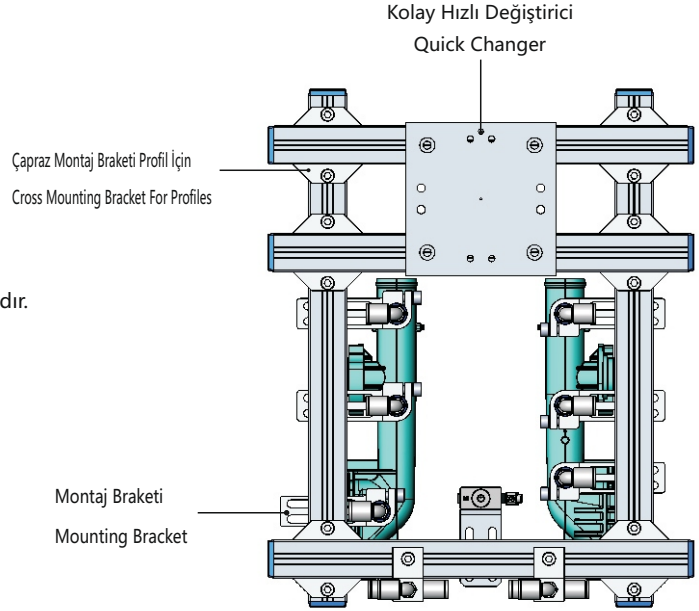
Two caves in one mold.

Take product out with vacuum cup;

Take sprue gate out with sprue gripper.

Gas circuit divides into two suction and one gripping.

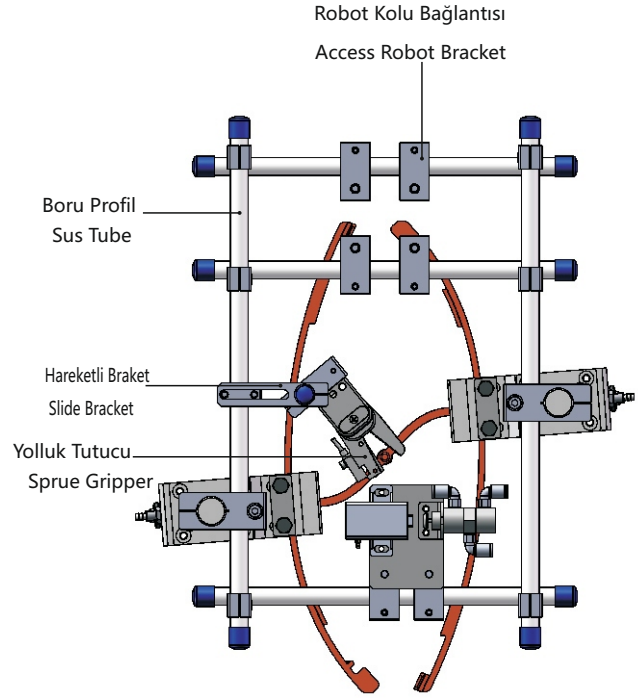
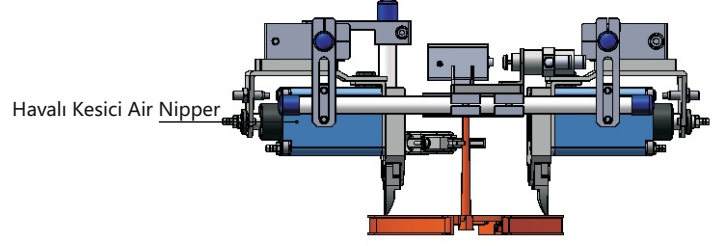
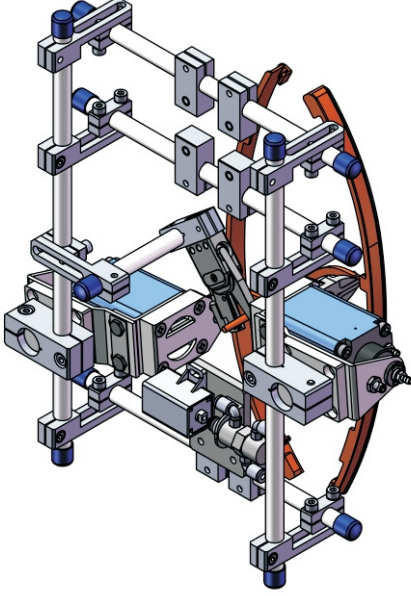
The weight is about 2 kg.



Parça Listesi BOM List

Parça Adı (Product Name)	No (PN)	Model (Model)	Adet (Quantity)	Parça Adı (Product Name)	No (PN)	Model (Model)	Adet (Quantity)
Kolay Hızlı Değiştirici Quick Changer	7.Y00175	QCS-G100	1	Döner Süspansiyonlar Rotative Suspensions	8.Y00061	VFR1421-G18	6
Yolluk Tutucu Gripper Sprue Gripper	8.Y00050	GR12-12-CP	1	Montaj Braketi Mounting Bracket	7.Y00200	SMBE1-1440T	6
Kapak Profil İçin Plugs for profile	4.Y00069	PEP2518	10	Bağlayıcı Connector	1.Y02510	APF-M5	2
Çapraz Montaj Profili Braket İçin Cross Mounting Bracket For Profiles	7.Y00194	SMBA-2525T	6	Yan Manifold Blok Side Manifold Block	7.Y00157	SMB-06M5	2
Kare Profil Extruded Profiles	4.Y00455	PEP2518-1000	2	L tipi Dişli Hortum Rakoru L-type Threaded Hose Fitting	1.Y02722	APL6-01	8
Vakum Emiciler Vs2 Serisi Vacuum Cups VS2 Series	1.Y03085	VS2-SA11	6	Düz Dişli Hortum Rakoru Straight Threaded Hose Fitting	1.Y02725	APC6-01	6
Vakum Bağlantı Parçası Vacuum Cup Fitting	7.Y00703	VM-02-G18	6				

Ana Çerçeve Base Frame



Ürün Açıklaması:

İki Gözlü Bir Kalıp ;

Ürün Alındıktan Sonra Kalıp Kapanıyor

Yolluklar Yolluk Tutucu ile alınıyor.

Toplam Ağırlık Yaklaşık 1,5 kg.

Product Description:

Two cavities in one mould;

Taking products out and clamping

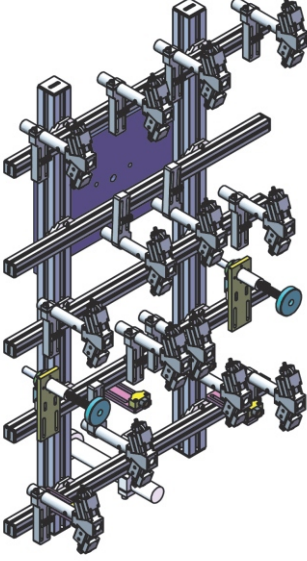
the sprue by sprue gripper.

The weight is about 1.5 kg.

Parça Listesi BOM List

Parça Adı (Product Name)	No (PN)	Model (Model)	Adet (Quantity)	Parça Adı (Product Name)	No (PN)	Model (Model)	Adet (Quantity)
Boru Profil Sus Tube	4.Y00021	PST12-1500	2	Robot Braket Bağlantısı Access Robot Bracket	7.Y00002	SMBH1-12M6	6
Havalı Kesici Air Nipper	1.Y00004	GTNY25	2	L Tipi Hortum Rekoru Dişli L-type Threaded Hose Fitting	1.Y02809	APL6 -M5	3
Plastik İçin Düz Bıçak Straight blades for plastic	1.Y00037	NY25AJ	2	Kayar Braket Slide Bracket	7.Y00004	SCF4 -1240W16	7
Sabitleme Bloğu Fixing Block	7.Y00633	SCE2-25	2	Kayar Braket Slide Bracket	7.Y00001	SMBS -12T16	7
Boru Bağlantıları Tube Plugs	1.Y03638	PST12-1500	11	Yolluk Tutucu Sprue Gripper	8.Y00091	GR12 -12-CN	1
Çapraz Bağlayıcı Cross Connector	7.Y00027	SMBT2012	2	Çapraz Bağlayıcı Cross Connector	7.Y00020	SMBT1212	1

Ana Çerçeve Base Frame



Ürün Açıklaması:

İki Gözlü Kalıp; Ürün çıkar ve

İğneli pnömatik tutucu ile ürün yerleştirme

Yolluklar Yolluk tutucu ile çıkabiliyor

Hava Devresi Emiş hattı ve gripper hattından oluşmaktadır.

Ağırlığı Yaklaşık 7 kg 'dır.

Product Description:

Two cavities in one mould; Take out or embed

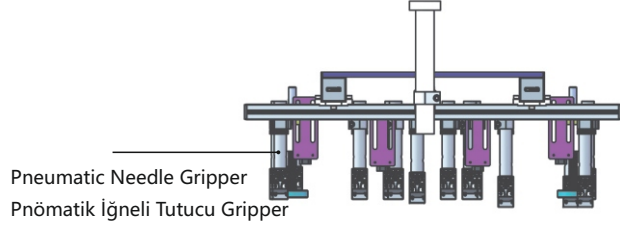
the insert (Non-woven fabric) by pneumatic

needle gripper;

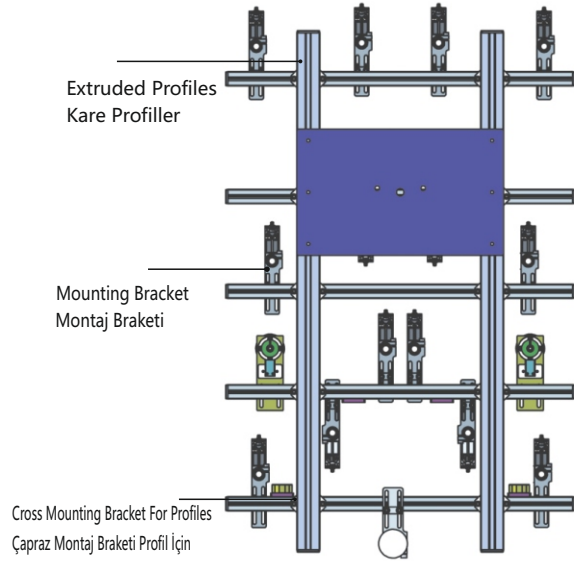
The gas circuit is divided into two paths; one

cavity is one path.

Weight: 7 kg



Pneumatic Needle Gripper
Pnömatik İğneli Tutucu Gripper



Extruded Profiles
Kare Profiller

Mounting Bracket
Montaj Braketi

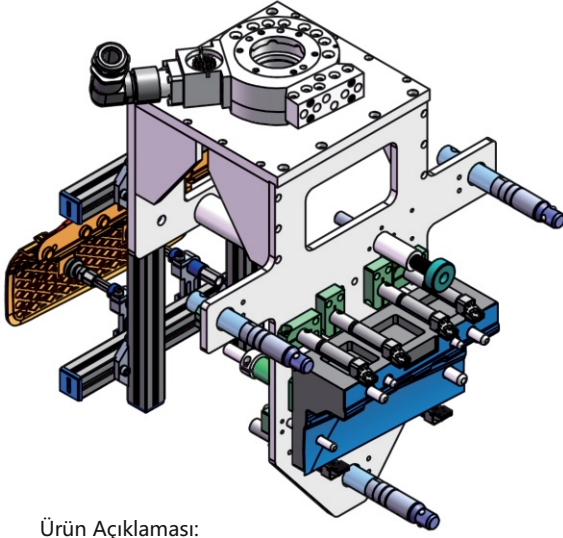
Cross Mounting Bracket For Profiles
Çapraz Montaj Braketi Profil İçin

Parça Listesi BOM List

Parça Adı (Product Name)	No (PN)	Model (Model)	Adet (Quantity)
Kare Profiller Extruded Profiles	4.Y00052	PEP4040-1000	2
Kare Profiller Plugs for profile	4.Y00072	PEP4040	4
Kare Profiller Extruded Profiles	4.Y00481	PEP2525-1500	2
Kare Profiller Extruded Profiles	4.Y00481	PEP2525-1000	1
Profil için Soketler Plugs for profile	4.Y00070	PEP2525	10

Parça Adı (Product Name)	No (PN)	Model (Model)	Adet (Quantity)
Çapraz Montaj Braketi Profil İçin Cross Mounting Bracket For Profiles	7.Y00356-T	SMBA-2540T	10
Pnömatik İğneli Tutucu Gripper Pneumatic Needle Gripper	8.Y00025	GN2010	14
Montaj Braketi Mounting Bracket	7.Y00308-T	SMBE2-2060T	14
Montaj Braketi Mounting Bracket	7.Y00309-T	SMBE2-3060T	1

Ana Çerçeve Base Frame



Ürün Açıklaması:

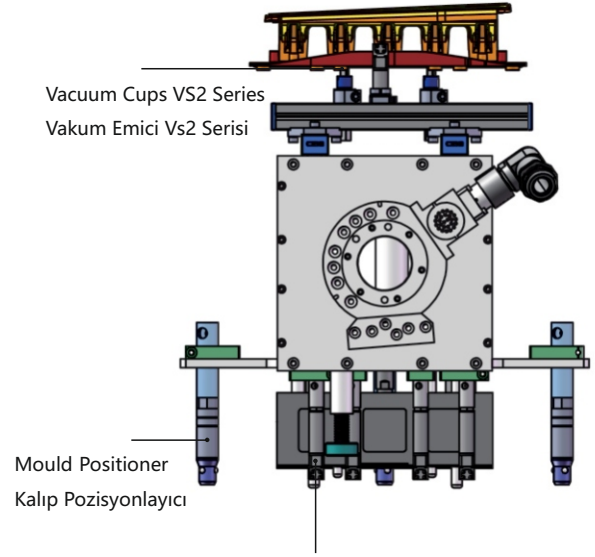
Tek Gözlü Kalıp; Bir taraftan ürün alınıp, Diğer tarafa ürün yerleştirilir, Bir taraftan: Ürün vakum emiciler, pnömatik parmak gripper ve açılı pnömatik gripperler yardımıyla alınır; Hava devresi emiş ve gripper hattı olarak iki devredir; Diğer tarafa: Profil modelleme parmak ve açılı gripperler ile çıkar ve yerleştirir; Hava devresinde silindirler parmak, açılı gripperler ve kalıp merkezleyiciler bağlıdır.

Ağırlık:9 kg

Product Description:

One cavity in one mould; Take out on one side ; embed on the other side;One side: Taken out by vacuum cup and one finger angular pneumatic gripper; The gas circuit is divided into two paths including vacuum cups and one finger angular pneumatic gripper; The other side: Profile modeling; Take out or embed by one finger angular pneumatic gripper; The gas circuit is divided into three paths including path of cylinder, path of one finger angular pneumatic gripper and path of mould positioner;

Weight: 9Kg



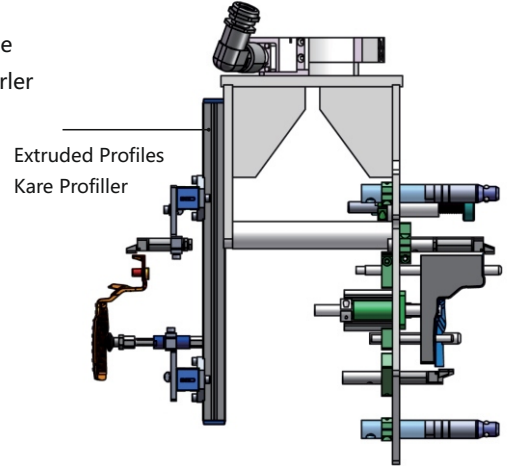
Vacuum Cups VS2 Series

Vakum Emici Vs2 Serisi

Mould Positioner
Kalıp Pozisyonlayıcı

Pneumatic Finger Gripper

Pnömatik Parmak Tutucu



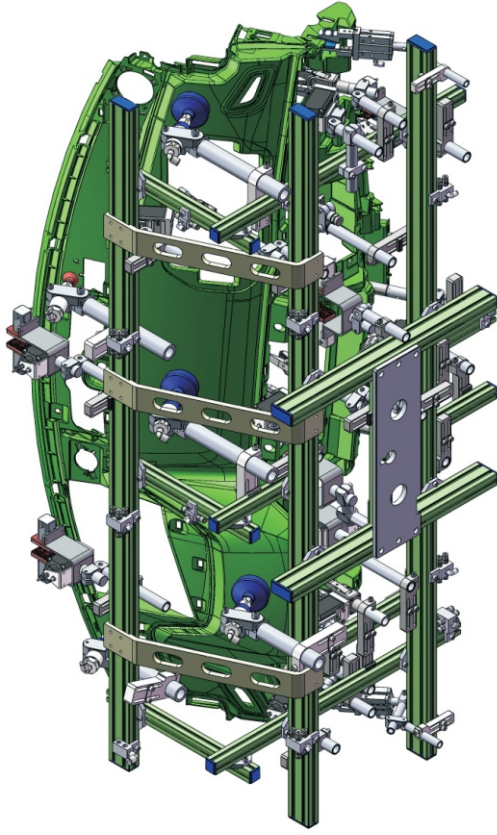
Extruded Profiles
Kare Profiller

Parça Listesi BOM List

Parça Adı (Product Name)	No (PN)	Model (Model)	Adet (Quantity)	Parça Adı (Product Name)	No (PN)	Model (Model)	Adet (Quantity)
Kare Profiller Extruded Profiles	4.Y00481	PEP2525-1500	1	Pnömatik Parmak Gripper Pneumatic Finger Gripper	8.Y00084	GFR14-95G	7
Soket Profil için Plugs for profile	4.Y00070	PEP2525	8	Boru Uzatması Extension Tube	7.Y00733	SMBY14-50	6
Kalıp Pozisyonlayıcı Mould Positioner	8.Y00088	GMP20A	3	Montaj Braketi Mounting Bracket	7.Y00200-T	SMBE1-1440T	3
Vakum Emiciler Vs2 Serisi Vacuum Cups VS2 Series	1.Y05310	VS2-SA20	2	Çapraz Montaj Braketi Profil için Cross Mounting Bracket For Profiles	7.Y00194-T	SMBA-2525T	4
Dönebilir Süspansiyonlar Rotative Suspensions	8.Y00061	VFR1421-G18	2	Vakum Bağlantı Parçası Vacuum Cup Fitting	7.Y00703	VM02-G18	2

Uygulama Örnekleri Application examples

Ana Çerçeve Base Frame



Ürün Açıklaması

Fikstürün Adı: Gösterge Paneli Alma Fikstürü

Makine Tonajı: 2700T

Fikstür Ağırlığı: 25kg

Yolluk Sayısı:11

Kısa Çevrim süresi nedeniyle, ürünün kalıptan çıkarılıp kesilmesi gerekiyor ve 0,3mm hassasiyette kesme yapılması gerekiyor.

Fikstürde iz bırakmayan vantuzlar kullanılmaktadır.

Gripperlarda yumuşak pedli gripperler kullanılmaktadır ve tutucularda açılabilir tutucular ve gripperler kullanılmaktadır.

Product Description:

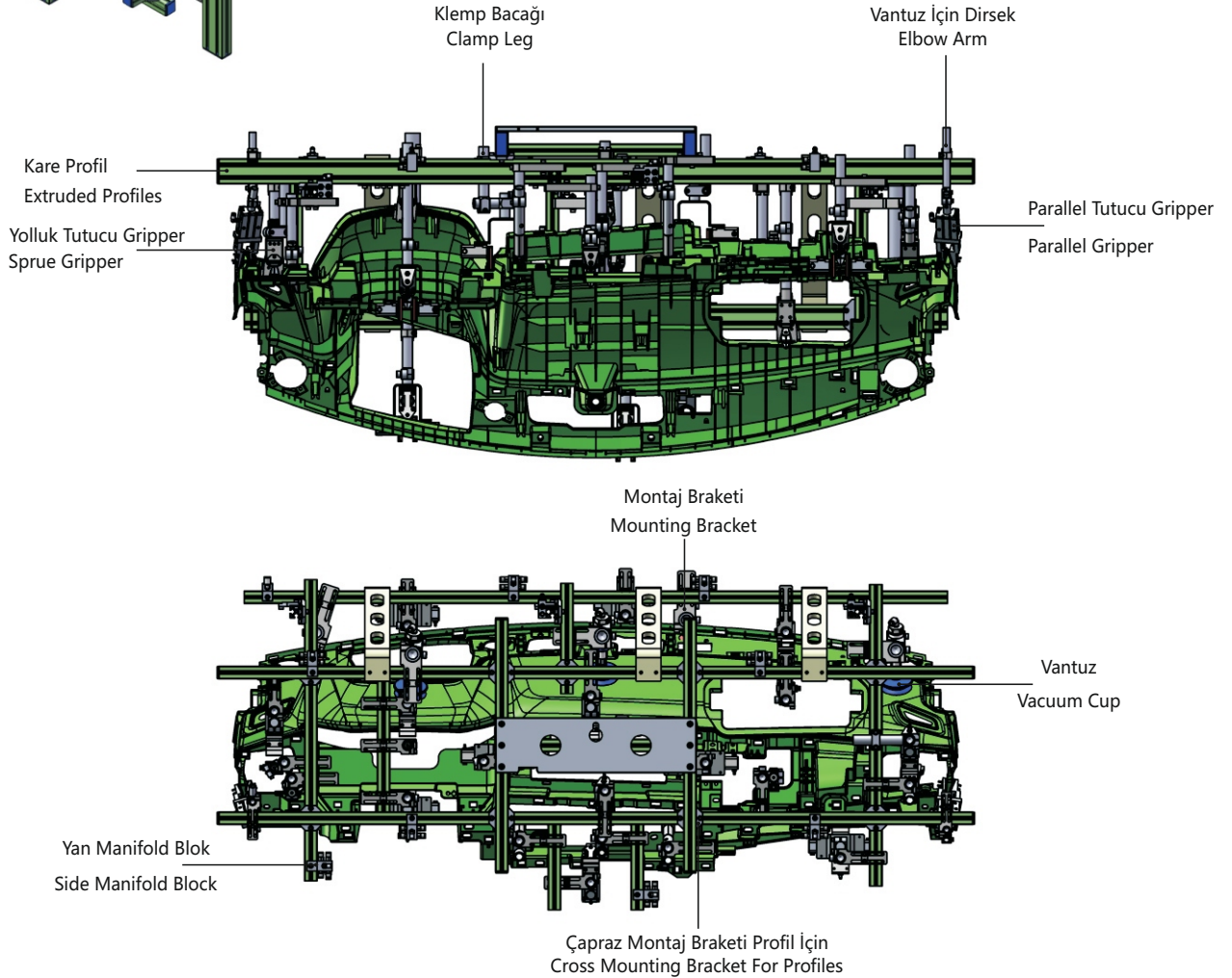
Name of fixture: Fixture of take out for instrument panel

Machine tonnage: 2700T

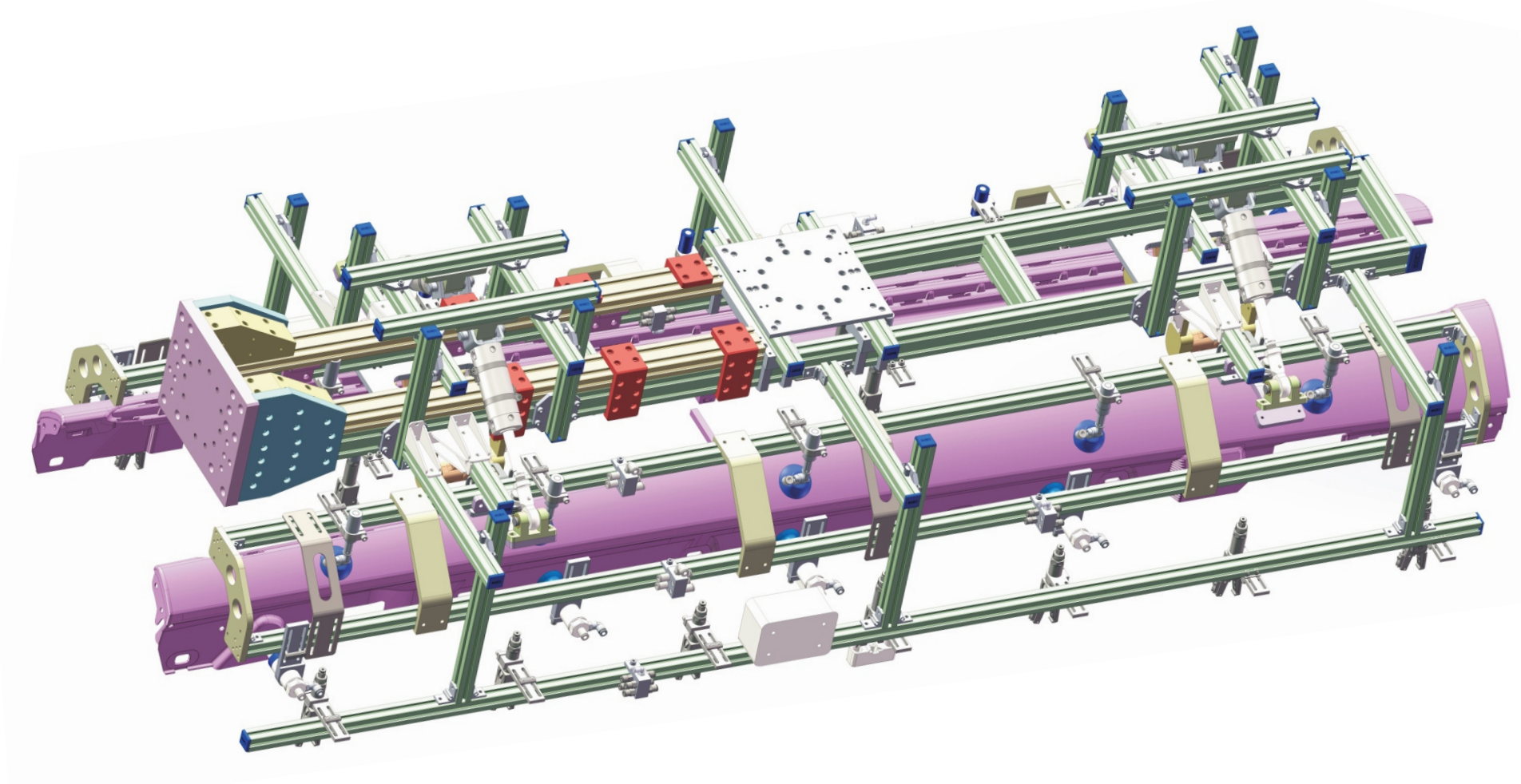
Weight of fixture: 25kg

Sprue quantity: 11

Due to the short molding cycle, the product needs to be taken out and cut in the mold, and the shear accuracy is required to be within 0.3mm. The fixture adopts non-marking suction cups, the clamp interface adopts soft rubber pad, and the angle can be adjusted by multifunctional to make elbow arm complete the clamping.



Ana Çerçeve Base Frame



Ürün Açıklaması:

Tool Name: Araba Kapı Eşiği Çıkartma Fikstürü

Makine Tonajı: 2700T

Fikstür Ağırlığı: 80kg

Yolluk Sayısı: 14

The car threshold strip is divided into left and right parts. There has long under-cut in the product which can not be taken out horizontally after being ejected. The product is absorbed by non-marking suction cup, and the fixture has the function of rotation, so the product can be taken out smoothly.

Product Description:

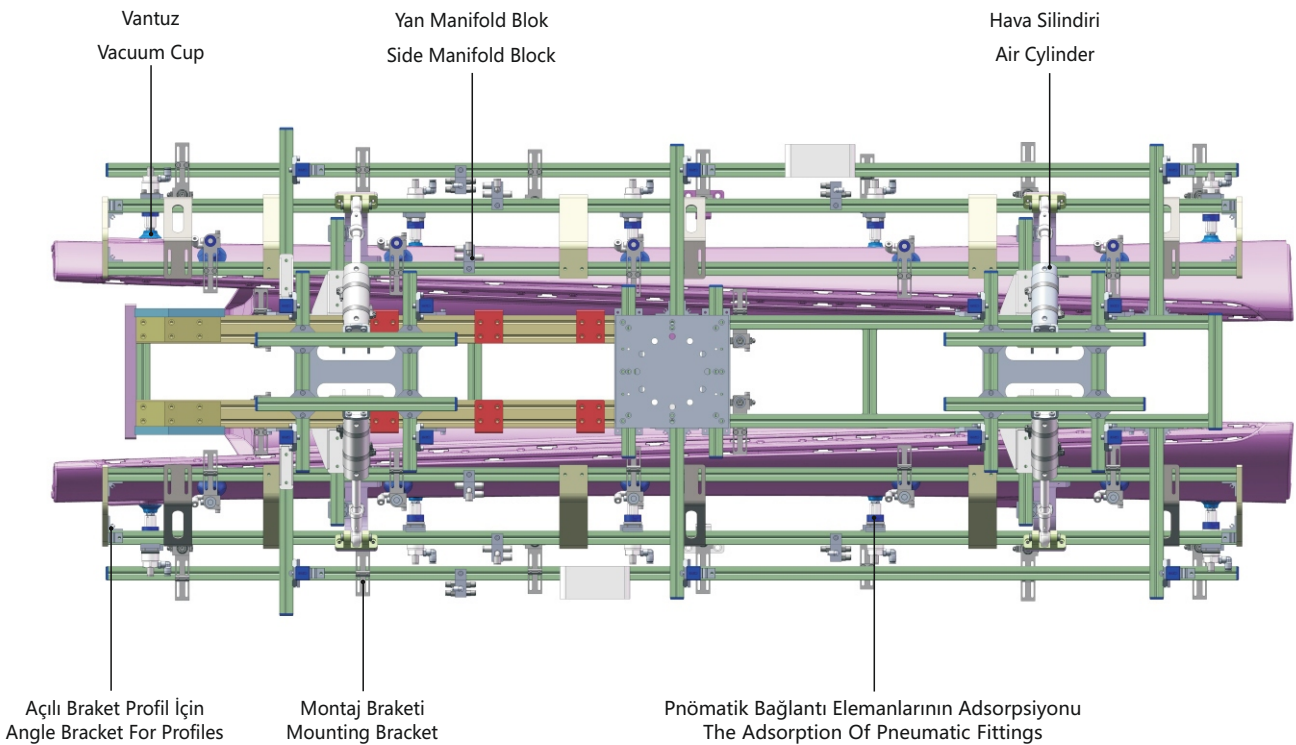
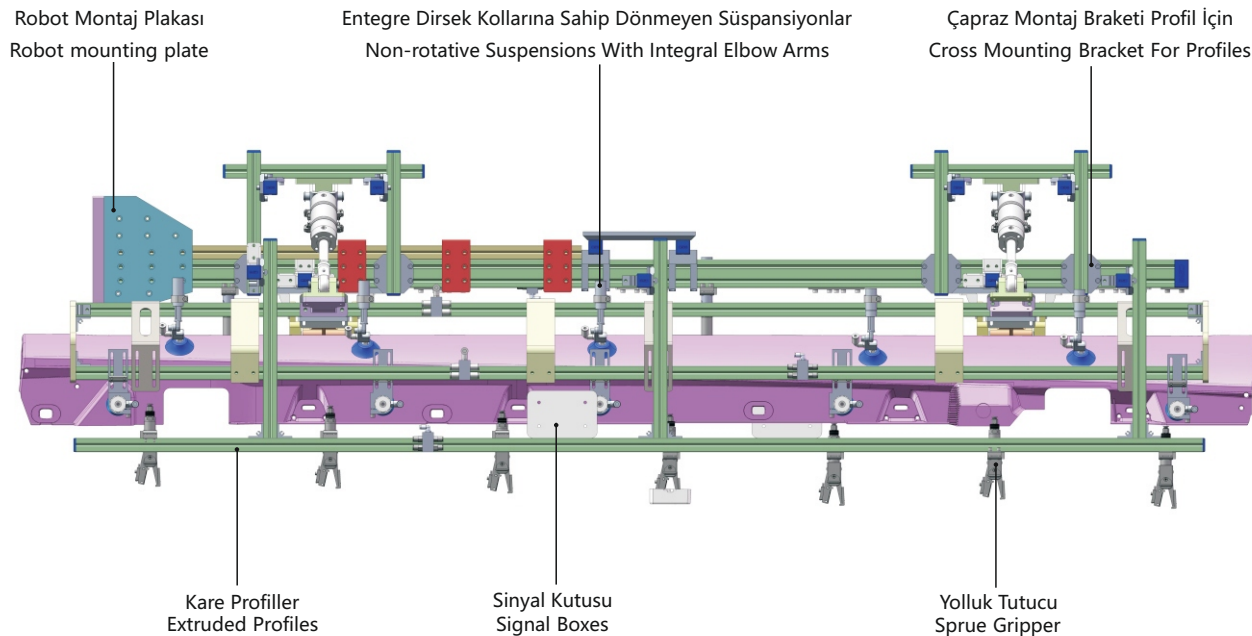
Tool Name: Fixture of take out for car threshold strip

Machine tonnage: 2700T

Weight of fixture: 80kg

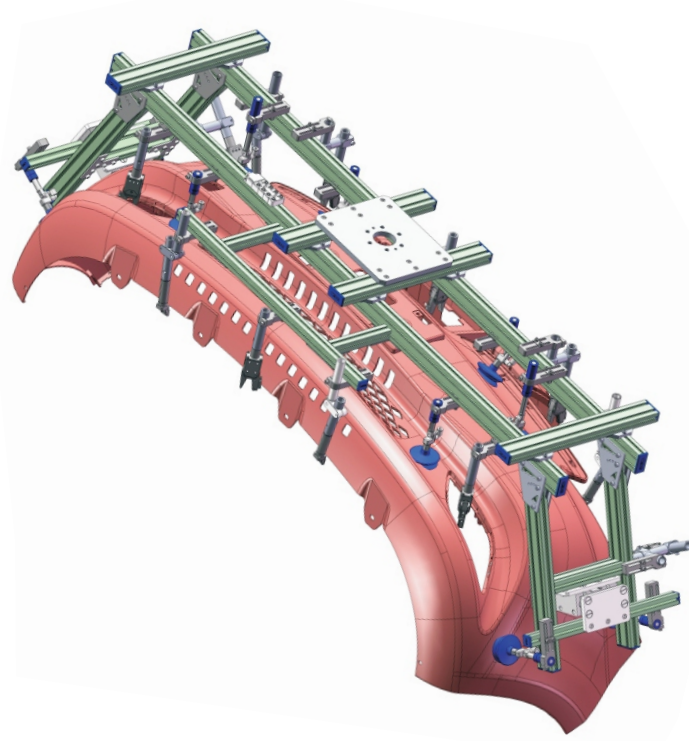
Sprue quantity: 14

The car threshold strip is divided into left and right parts. There has long under-cut in the product which can not be taken out horizontally after being ejected. The product is absorbed by non-marking suction cup, and the fixture has the function of rotation, so the product can be taken out smoothly.



Uygulama Örnekleri Application examples

Ana Çerçeve Base Frame



Ürün Açıklaması:

Fikstür Adı: Tampon Çıkartma Fikstürü

Makine Tonajı: 1800T

Fikstür Ağırlığı: 20kg

Yolluk Sayısı: 8

Parça sorunsuz bir şekilde kalıptan çıkarılmadığı için yandan çekmek için silindir ile donatılması gerekir.

Parçanın temas yüzeyinde iz bırakmayan vantuz kullanılır,

Kelepçe Gripperlarda yumuşak lastik pedi kullanılır,ve açılı dirsek kolu ile açı ayarlanarak tutma işlevi tamamlanır.

Product Description:

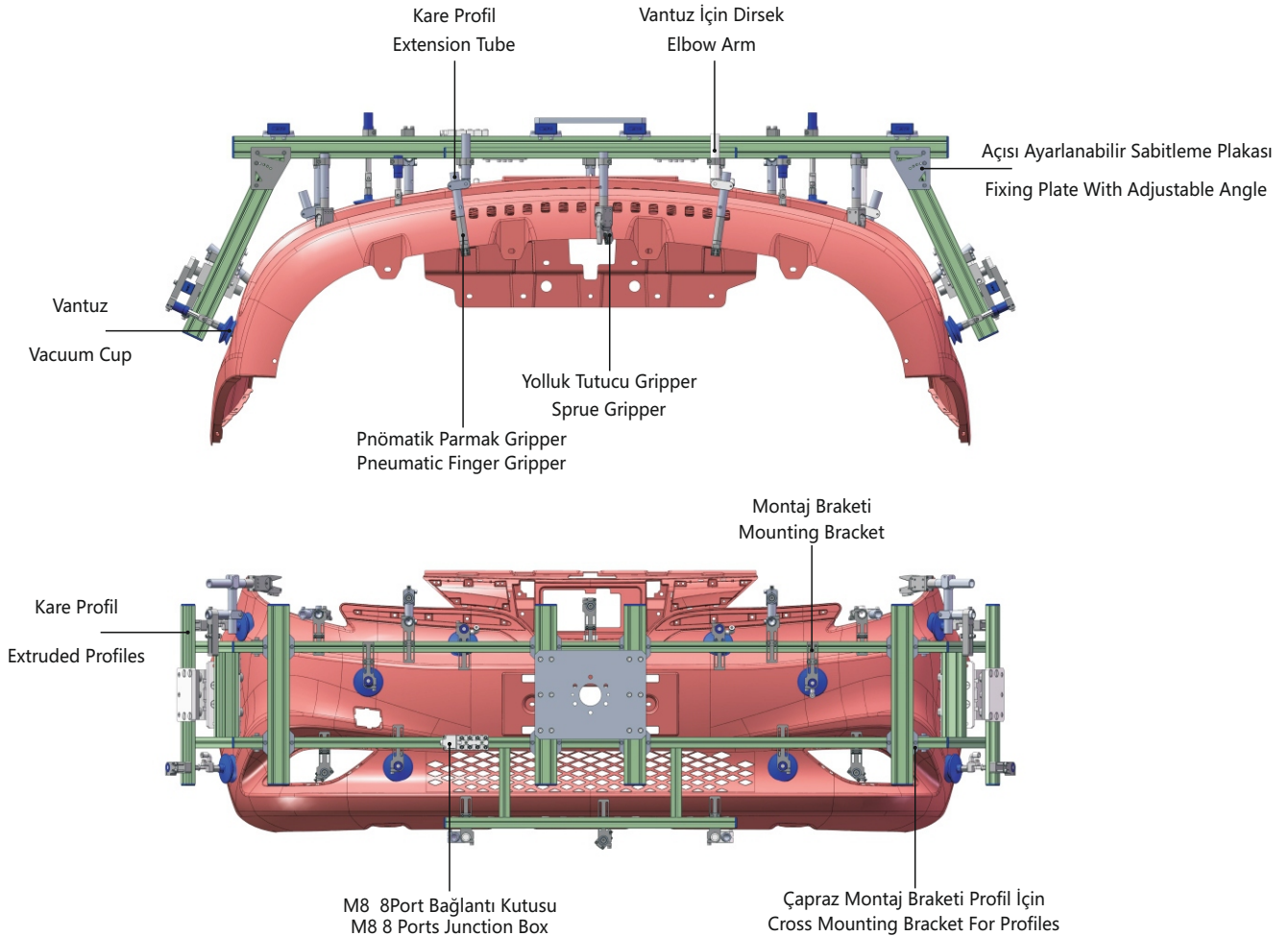
Fixture Name: Fixture of take out for bumper

Machine tonnage: 1800T

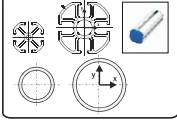
Weight of fixture: 20kg

Sprue quantity: 8

It needs to be equipped with cylinder to pulling from side because the product can't be demoulding smoothly. The contact surface of the product adopts non-marking suction cup, the clamp interface adopts soft rubber pad, and the angle can be adjust by multifunctional to make elbow arm complete the clamping.



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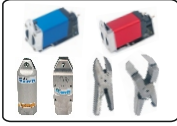
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Sus Tube
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T-Nuts
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SIP-Hızlı Deęiřtirici Aray z
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SMB-Baęlantı Mod lleri
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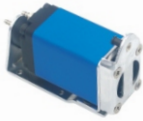
NEW



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Havalı Kesici

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NEW



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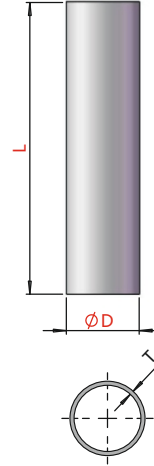


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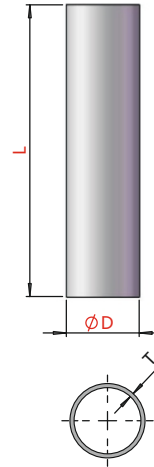
Boru Profiller Sus Tube



钢棒端盖
Tube plugs

Stok Kodu(PN)	Model(Model)	D(mm)	L(mm)	T(mm)	Ağırlık(Weight)	Kapaklar(Plugs)
4.Y00040	PST8-1500	Ø8	1500	0.6	215g	1.Y03375(红色)
4.Y00021	PST12-1500	Ø12	1500	0.6	339g	1.Y03636(灰色) 1.Y03638(蓝色) 1.Y03640(黑色)
4.Y00022	PST20-1500	Ø20	1500	0.8	560g	1.Y03637(灰色) 1.Y03639(蓝色) 1.Y03641(黑色)

Alüminyum Boru Aluminium Tube



Stok Kodu(PN)	Model(Model)	D(mm)	L(mm)	T(mm)	Ağırlık(Weight)
4.Y00468	PAT20-1000	Ø20	1000	2	308g
4.Y00469	PAT30-1000	Ø30	1000	2.5	558g

Profile, SUS Tube
Profiler

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

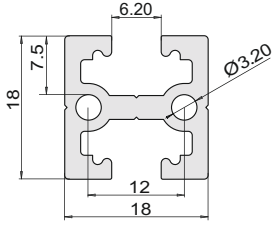
Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

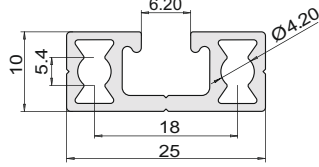
Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

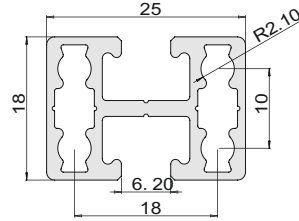
Profiller Extruded Profiles



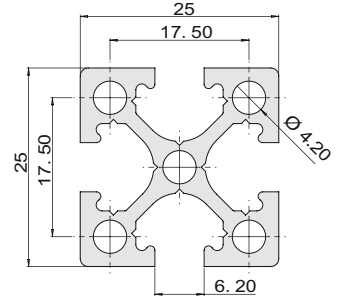
PEP1818



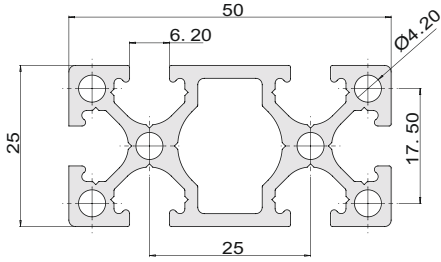
PEP2510



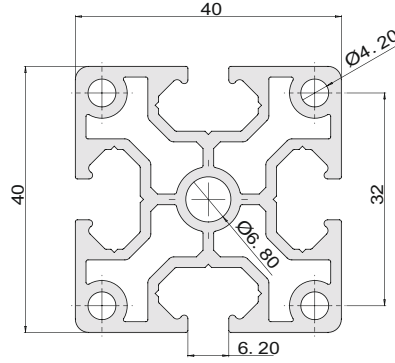
PEP2518



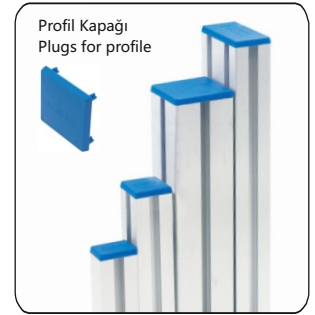
PEP2525



PEP5025

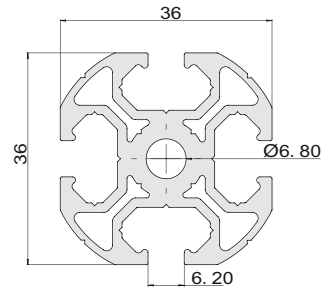


PEP4040



Stok Kodu(PN)	Model(Model)	Uzunluk(Length)	Ağırlık(Weight)	Kapak S.K.(Plugs PN)	Kapak M. (Plugs Model)
4. Y00075	PEP1818-1000	1.0m	425g	4. Y00517	P1818
4. Y00076	PEP2510-1000	1.0m	310g	4. Y00518	P2510
4. Y00455	PEP2518-1000	1.0m	400g	4. Y00069	P2518
4. Y00050	PEP2525-1000	1.0m	610g	4. Y00070	P2525
* 4. Y00051	PEP2525-2000	2.0m	1220g		
4. Y00056	PEP5025-1000	1.0m	1040g	4. Y00071	P5025
* 4. Y00057	PEP5025-2000	2.0m	2080g		
4. Y00052	PEP4040-1000	1.0m	1300g	4. Y00072	P4040
* 4. Y00053	PEP4040-2000	2.0m	2600g		

* Opsiyonel Optional



PEP-3636

Stok Kodu(PN)	Model(Model)	Uzunluk(Length)	Ağırlık(Weight)	Kapak S.K.(Plugs PN)	Kapak M.(Plugs Model)
4. Y00054	PEP3636-1000	1.0m	1168g		
4. Y00484	PEP3636-1500	1.5m	1752g	4. Y00073	P3636
* 4. Y00055	PEP3636-2000	2.0m	2336g		

* Opsiyonel Optional

T-Somunlar T-Nuts

Profile, SUS Tube
Profilier

Stents Module
Bağlantı Modülleri

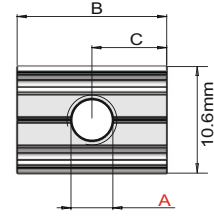
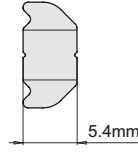
Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

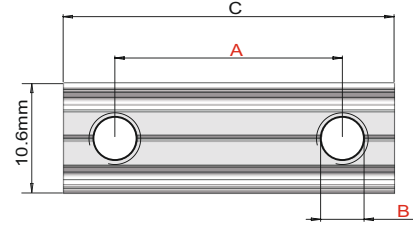
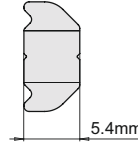
Air Nipper
Havai Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri



Stok Kodu(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	Ağırlık(Weight)
7.Y00651	PTN-M4	M4	15	7.5	5g
7.Y00425	PTN-M5	M5	15	7.5	5g
7.Y00652	PTN-M6	M6	15	7.5	5g

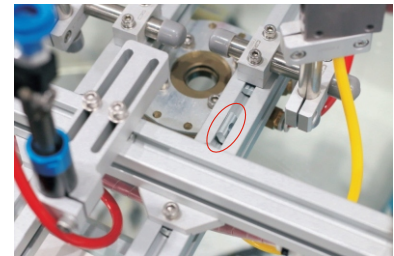
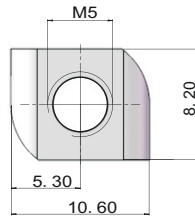
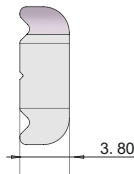


Stok Kodu(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	Ağırlık(Weight)
7.Y00653	PTN-M4P8	8	M4	16	5g
7.Y00654	PTN-M5P10	10	M5	20	7g
7.Y00655	PTN-M5P15	15	M5	25	9g
7.Y00656	PTN-M5P17	17	M5	25	9g
7.Y00657	PTN-M5P22	22	M5	32	11g
7.Y00658	PTN-M5P25	25	M5	35	13g
7.Y00659	PTN-M5P28	28	M5	38	14g
7.Y00660	PTN-M5P30	30	M5	40	15g
7.Y00661	PTN-M5P35	35	M5	45	16g
7.Y00662	PTN-M5P40	40	M5	50	18g
7.Y00663	PTN-M5P50	50	M5	60	22g
7.Y00664	PTN-M5P60	60	M5	70	26g
7.Y00665	PTN-M5P90	90	M5	100	38g

Son-Dakika Somunu Last-Minute Nut

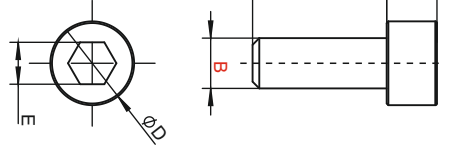
Robot Koluna Sonradan İstedığınız Yere Eklenebilir.

To be used when you need to add something to an already assembled EOAT.



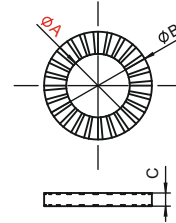
Stok Kodu(PN)	Model(Model)	Ağırlık(Weight)
7.Y00805	PTN-M5R	2g

Vidalar Sus Screws



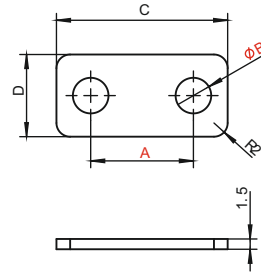
Stok Kodu(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	Ağırlık(Weight)
1.Y03908	PTC-M4L10	10					1.6g
1.Y03848	PTC-M4L12	12					1.8g
1.Y02752	PTC-M4L14	14	M4	4	6.8	3.2	1.9g
1.Y04073	PTC-M4L16	16					2.0g
1.Y05846	PTC-M4L18	18					2.1g
1.Y04294	PTC-M5L10	10					2.9g
1.Y03850	PTC-M5L12	12					3.1g
1.Y04528	PTC-M5L14	14					3.3g
1.Y03849	PTC-M5L16	16					3.6g
1.Y03909	PTC-M5L20	20	M5	5	8.3	4.1	4.0g
1.Y06257	PTC-M5L22	22					4.3g
1.Y03851	PTC-M5L25	25					4.7g
1.Y04469	PTC-M5L30	30					5.3g
1.Y04580	PTC-M5L35	35					5.9g
1.Y05391	PTC-M5L60	60					10.0g
1.Y04288	PTC-M6L10	10					4.0g
1.Y03910	PTC-M6L12	12	M6	6	10	5.3	4.6g
1.Y04153	PTC-M6L14	14					5.2g
1.Y02753	PTC-M6L16	16					5.5g

Kilitli Pul Single Hole Shim



Stok Kodu(PN)	Model(Model)	A(mm)	B(mm)	C(mm)
1.Y03853	PTS-M4	4.5	7	0.45
1.Y03852	PTS-M5	5.5	9	0.55
1.Y03854	PTS-M6	6.5	10	0.65

Çift Delikli Pul Double Holes Shim



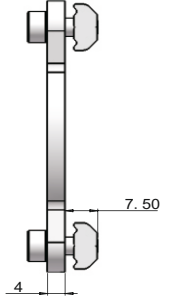
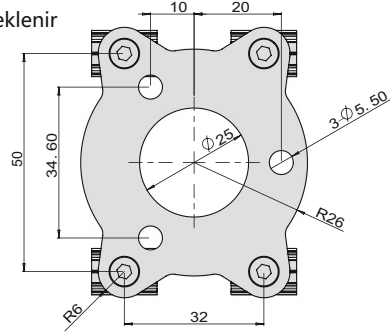
Stok Kodu(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)
4.Y00522	PTD-M4P8	8	4.5	16	12
4.Y00523	PTD-M5P10	10	5.5	20	12
4.Y00524	PTD-M5P15	15	5.5	25	12
4.Y00525	PTD-M5P17	17	5.5	25	12
4.Y00526	PTD-M5P22	22	5.5	32	12
4.Y00527	PTD-M5P25	25	5.5	35	12

Hızlı Değişirici Arayüz Plakası Interface

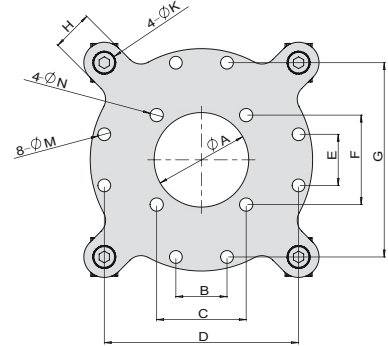
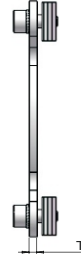
(Vida Opsiyonlu) (Kit With Screws Option)

Örnek SIP-50B T Örnek7.Y00650T

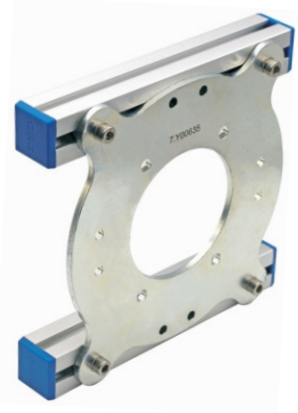
Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına T eklenir



Stok Kodu(PN)	7.Y00650
Model(Model)	SIP-50B
QC-G...	QC-G50
Kalınlık(T)	4mm
Aksesuar Seçimi Accessorier selection	
Vida(Screws)	PTC-M5L12*4
Kilitli Pul(Single hole shim)	PTS-M5*4
T Somunlar(T-Nuts)	PTN-M5*4
Ağırlık(Weight)	90g



Stok Kodu(PN)	7.Y00634	7.Y00635
Model(Model)	SIP-90B	SIP-160B
A(mm)	Ø37	Ø70
B(mm)	20	20
C(mm)	35	74
D(mm)	76	130
E(mm)	20	20
F(mm)	35	52
G(mm)	76	110
H(mm)	16	24
M(mm)	Ø5	Ø5
N(mm)	Ø5.2	Ø6.2
K(mm)	Ø5.3	Ø5.3
T(mm)	3	4
QC-G...	QC-G90	QC-G160
Aksesuar Seçimi Accessorier selection		
Vidalar(Screws)	PTC-M5L12*4	PTC-M5L12*4
Kilitli Pul(Single hole shim)	PTS-M5*4	PTS-M5*4
TSomunlar(T-Nuts)	PTN-M5*4	PTN-M5*4
Ağırlık(Weight)	190g	540g



Profile, SUS Tube

Stents Module Bağlantı Modülleri

Quick Changer Hızlı Değişiriciler

Grip Module Tutucu Modüller

Air Nipper Havai Kesiciler

Vacuum Module Vakum Modülleri

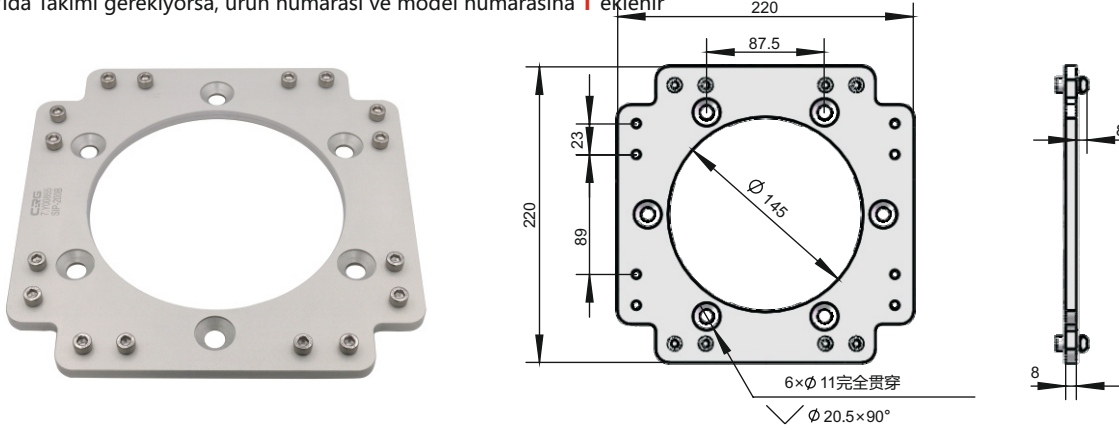
Accessory Components Aksesuar Komponentleri

Hızlı Değişirici Arayüz Plakası Interface

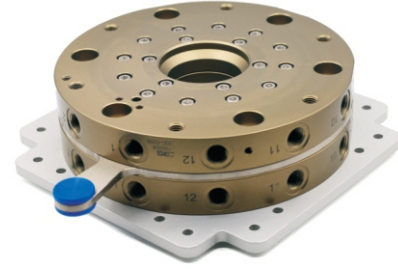
(Vida Opsiyonlu) (Kit With Screws Option)

Örnek SIP-200B **T** Örnek 7.Y00865**F**

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına **T** eklenir



Stok Kodu(PN)	7.Y00865
Model(Model)	SIP-200B
QC-G...	QC-G200
Kalınlık(T)	8mm
Ağırlık(Weight)	578g



Profile

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değişiriciler

Grip Module
Tutucu Modülleri

Air Nipper
Havalı Kesiciler

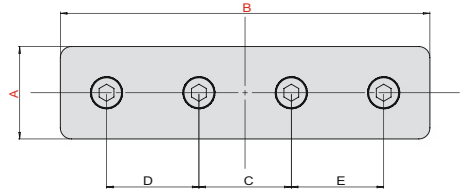
Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Düz Bağlantı Plakası Straight Fixing Plate (Vida Opsiyonlu) (Kit With Screws Option)

Örnek:SFP-S2550 T Örnek:7.Y00641T

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına T eklenir



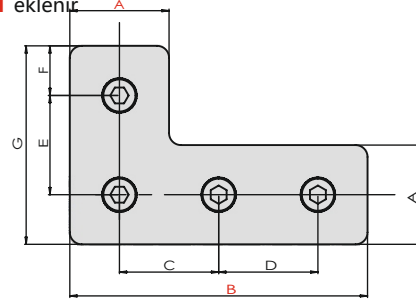
Stok Kodu(PN)	7.Y00641	7.Y00642	7.Y00643
Model(Model)	SFP-S2550	SFP-S25100	SFP-S40160
A(mm)	25	25	40
B(mm)	50	100	160
C(mm)	25	25	40
D(mm)	-	25	40
E(mm)	-	25	40
T(mm)	3	3	3
PEP2510	√	√	-
PEP2518	√	√	-
PEP2525	√	√	-
PEP5025	√	√	-
PEP4040	-	-	√
Akseuar Seçimi Accessorier selection			
Vidalar(Screws)	PTC-M5L12*2	PTC-M5L12*4	PTC-M5L12*4
Kilitli Pul(Single hole shim)	PTS-M5*2	PTS-M5*4	PTS-M5*4
TSomunlar(T-Nuts)	PTN-M5*2	PTN-M5P25*2	PTN-M5P40*2
Ağırlık(Weight)	45g	95g	195g



L-Bağlantı Plakası L-shaped Fixing Plate (Vida Opsiyonlu) (Kit With Screws Option)

T Örnek:SFP-L2550 T Örnek:7.Y00647T

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına T eklenir

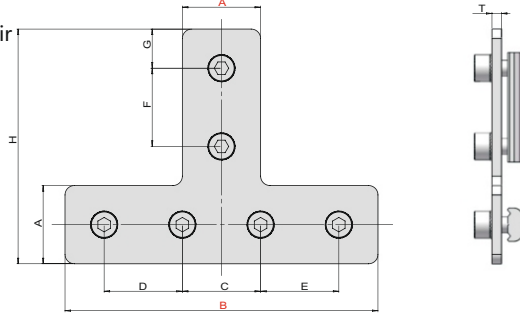


Stok Kodu(PN)	7.Y00647	7.Y00648	7.Y00649
Model(Model)	SFP-L2550	SFP-L2575	SFP-L40120
A(mm)	25	25	40
B(mm)	50	75	120
C(mm)	25	25	40
D(mm)	-	25	40
E(mm)	25	25	40
F(mm)	12.5	12.5	20
G(mm)	50	50	80
T(mm)	3	3	3
PEP2510	√	√	-
PEP2518	√	√	-
PEP2525	√	√	-
PEP5025	√	√	-
PEP4040	-	-	√
Akseuar Seçimi Accessorier selection			
Vidalar(Screws)	PTC-M5L12*3	PTC-M5L12*4	PTC-M5L12*4
Kilitli Pul(Single hole shim)	PTS-M5*3	PTS-M5*4	PTS-M5*4
T Somunlar(T-Nuts)	PTN-M5*1	PTN-M5P25*2	PTN-M5P40*2
Ağırlık(Weight)	70g	95g	200g



T-Bağlantı Plakası T-shaped Fixing Plate (Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SFP-T2550 **T** Örnek:7.Y00644**T**
Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına **T** eklenir



Stok Kodu(PN)	7.Y00644	7.Y00645	7.Y00646
Model(Model)	SFP-T2550	SFP-T25100	SFP-T40120
A(mm)	25	25	40
B(mm)	50	100	120
C(mm)	25	25	90
D(mm)	-	25	-
E(mm)	-	25	-
F(mm)	25	25	40
G(mm)	12.5	12.5	15
H(mm)	75	75	110
T(mm)	3	3	3
PEP2510	✓	✓	-
PEP2518	✓	✓	-
PEP2525	✓	✓	-
PEP5025	✓	✓	-
PEP4040	-	-	✓

Aksesuar Seçimi Accessorier selection

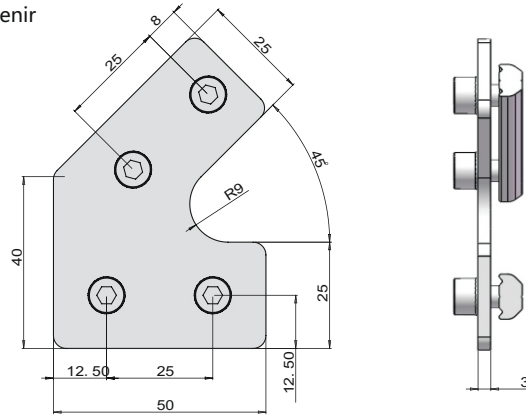
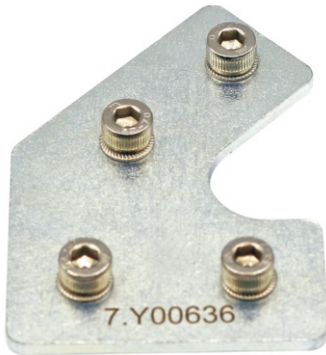
Vidalar(Screws)	PTC-M5L12*4	PTC-M5L12*6	PTC-M5L12*4
Kilitli Pul(Single hole shim)	PTS-M5*4	PTS-M5*6	PTS-M5*4
T-Somunlar(T-Nuts)	PTN-M5P25*2	PTN-M5P25*3	PTN-M5P40*1 PTN-M5P90*1
Ağırlık(Weight)	95g	145g	250g



(Kit With Screws Option)

45°Derece Bağlantı Plakası 45° Fixing Plate (Vida Opsiyonlu)

Örnek: SFP-50 **T**
Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına **T** eklenir



Stok Kodu(PN)	7.Y00636
Model(Model)	SFP-50
QC-G...	QC-G50
Kalınlık(T)	3mm

Aksesuar Seçimi Accessorier selection

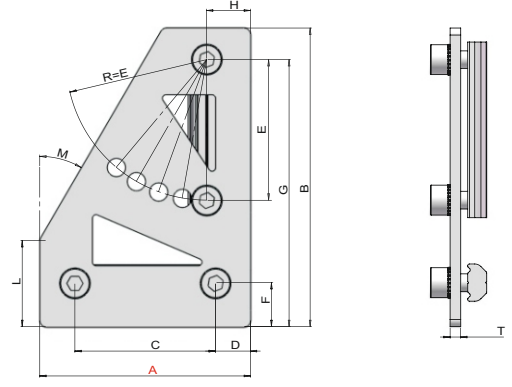
Vidalar(Screws)	PTC-M5L12*4
Kilitli Pul(Single hole shim)	PTS-M5*4
T Somunlar(T-Nuts)	PTN-M5P25*2
Ağırlık(Weight)	100g



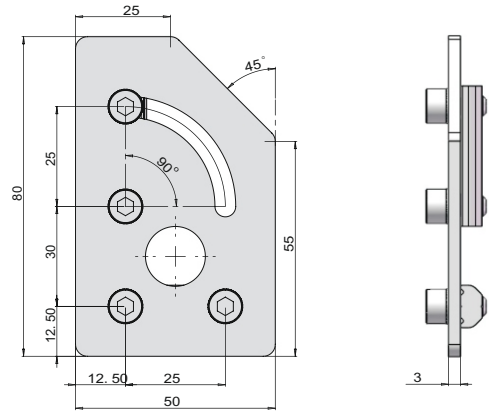
Ayarlanır Açılı Bağlantı Plakası Fixing Plate With Adjustable Angle (Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SFP-A60 **T** Örnek:Y00637-**T**

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına **T** eklenir



Stok Kodu(PN)	7.Y00637	7.Y00638	7.Y00639
Model(Model)	SFP-A60	SFP-A90	SFP-A70
A(mm)	60	90	70
B(mm)	85	95	100
C(mm)	40	60	50
D(mm)	10	15	10
E(mm)	40	50	40
F(mm)	12.5	12.5	20
G(mm)	76	86	90
H(mm)	12.5	12.5	20
L(mm)	25	25	40
M(mm)	30°	30°	27°
T(mm)	3	3	3
PEP2510	√	√	-
PEP2518	√	√	-
PEP2525	√	√	-
PEP5025	√	√	-
PEP4040	-	-	√
Akseuar Seçimi Accessorier selection			
Vidalar(Screws)	PTC-M5L12*4	PTC-M5L12*5	PTC-M5L12*4
Kilitli Pul(Single hole shim)	PTS-M5*4	PTS-M5*5	PTS-M5*4
T Somunlar(T-Nuts)	PTN-M5P40*2	PTN-M5P50*1	PTN-M5P40*1
		PTN-M5P60*1	PTN-M5P50*1
Ağırlık(Weight)	130g	215g	175g



Stok Kodu(PN)	7.Y00640
Model(Model)	SFP-A50
QC-G...	QC-G50
Kalınlık(T)	3mm
Akseuar Seçimi Accessorier selection	
Vidalar(Screws)	PTC-M5L12*4
Kilitli Pul(Single hole shim)	PTS-M5*4
T Somunlar(T-Nuts)	PTN-M5P25*2
Ağırlık(Weight)	115g



Profile, SUS Tube

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

Air Nipper
Havali Kesiciler

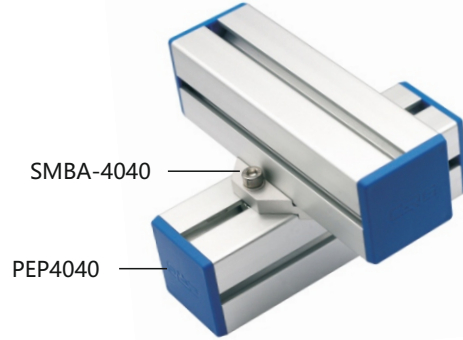
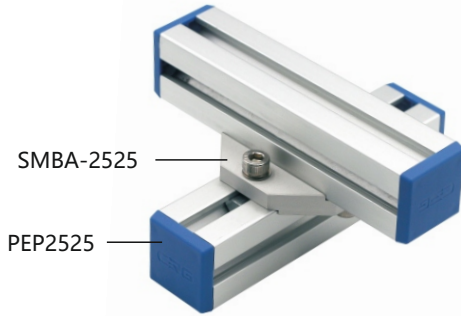
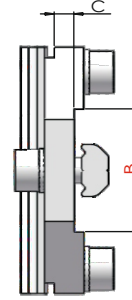
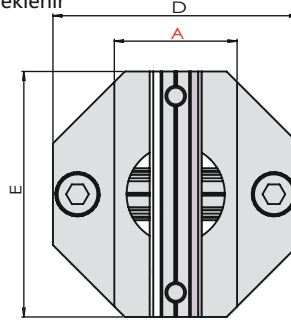
Vacuum Module
Vakum Modülleri

Accessory Components
Akseuar Komponentleri

Profil İçin Çapraz Montaj Braketi Cross Mounting Bracket For Profiles (Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SMBA-1818 **T** Örnek:7.Y00290-**T**

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına **T** eklenir



Stok K.(PN)	Model(Model)	A	B	C	D	E	PEP1818	PEP2510	PEP2518	PEP2525	PEP5025	PEP4040
7.Y00290	SMBA-1818	18	18	2	38	38	√					
7.Y00291	SMBA-1825	18	25	4	38	45	√		√	√	√	
7.Y00245	SMBA-2020	20	20	4	50	50						
7.Y00194	SMBA-2525	25	25	4	50	50		√	√	√	√	
7.Y00193	SMBA-3030	30	30	4	50	50						
7.Y00011	SMBA-5050	50	50	4	70	70					√	
7.Y00292	SMBA-2550	25	50	4	70	70		√	√	√	√	
7.Y00246	SMBA-4040	40	40	4	60	60						√
7.Y00355	SMBA-8080	80	80	4	100	100						
7.Y00293	SMBA-4080	40	80	4	60	100						√
7.Y00294	SMBA-2580	25	80	4	45	100			√	√	√	
7.Y00356	SMBA-2540	25	40	4	45	60		√	√	√	√	√
7.Y00690	SMBA-3025	30	25	4	50	50		√				

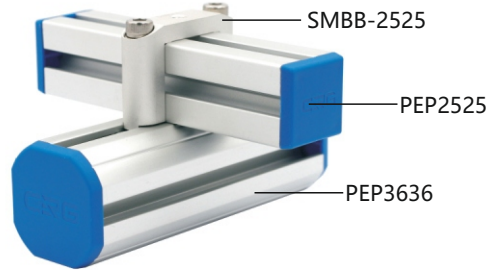
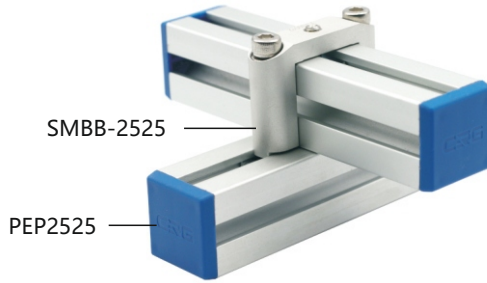
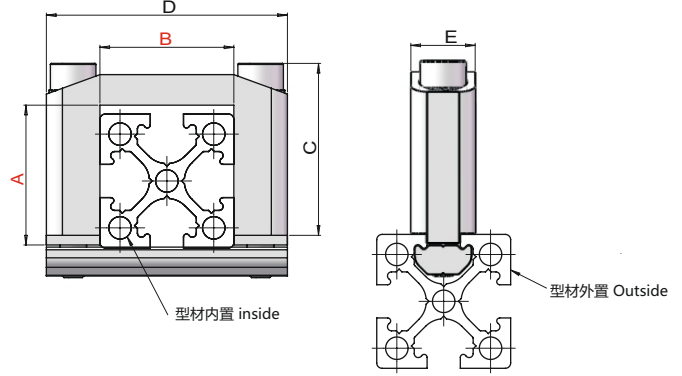
Aksesuar Seçimi Accessorier selection

Model (Model)	Vidalar (Screws)	Kilitli Pul (Single hole shim)	T Somunlar (T-Nuts)	Ağırlık (Weight)
SMBA-1818	PTC-M5L12*4	PTS-M5*4	PTN-M5P28*2	40g
SMBA-1825	PTC-M5L14*4	PTS-M5*4	PTN-M5P28*1,PTN-M5P35*1	60g
SMBA-2020	PTC-M5L14*4	PTS-M5*4		30g
SMBA-2525	PTC-M5L14*4	PTS-M5*4	PTN-M5P40*2	75g
SMBA-3030	PTC-M5L14*4	PTS-M5*4		24g
SMBA-5050	PTC-M5L14*8	PTS-M5*8	PTN-M5P60*4	170g
SMBA-2550	PTC-M5L14*6	PTS-M5*6	PTN-M5P60*3	155g
SMBA-4040	PTC-M5L16*4	PTS-M5*4	PTN-M5P50*2	85g
SMBA-8080	PTC-M5L16*8	PTS-M5*8	PTN-M5P90*4	255g
SMBA-4080	PTC-M5L16*6	PTS-M5*6	PTN-M5P50*2,PTN-M5P90*1	175g
SMBA-2580	PTC-M5L14*2 16*4	PTS-M5*6	PTN-M5P35*2,PTN-M5P90*1	140g
SMBA-2540	PTC-M5L 14*2 16*4	PTS-M5*6	PTN-M5P35*1,PTN-M5P50*1	75g
SMBA-3025	PTC-M5L14*4	PTS-M5*4	PTN-M5P40*1,PTN-M5*2	25g

Kare Montaj Braketi Cross (Square) Joint Connector (Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SMBB-1818 T Örnek:7.Y00295-T

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına T eklenir



Stok Kodu(PN)	7.Y00295	7.Y00817	7.Y00012	7.Y00339	7.Y00340	7.Y00163
Model(Model)	SMBB-1818	SMBB-1825	SMBB-2525	SMBB-5025	SMBB-2550	SMBB-3030
A(mm)	18	18	25	50	25	30
B(mm)	18	25	25	25	50	30
C(mm)	29	29	32	57	32	32
D(mm)	38	45	45	45	70	50
E(mm)	12	12	12	12	12	12
İçine Geçen Profil Inside	PEP 1818	PEP1818	-	-	-	-
	PEP 2510	PEP 2510	PEP2510	PEP2510	PEP2510	
	PEP 2518	PEP2518	PEP 2518	-	-	
Dışındaki Profil Outside	PEP2525	PEP2525	PEP2525	PEP2525	PEP2525	
	PEP5025	PEP5025	PEP5025	PEP5025	PEP5025	
	PEP4040	PEP4040	PEP4040	PEP4040	PEP4040	
Aksesuar Seçimi Accessorier selection						
Vidalar(Screws)	PTC-M5L30*2	PTC-M5L30*2	PTC-M5L35*2	PTC-M5L60*2	PTC-M5L35*2	
Kilitli Pul(Single hole shim)	PTS-M5*2	PTS-M5*2	PTS-M5*2	PTS-M5*2	PTS-M5*2	
T Somunlar(T-Nuts)	PTN-M5P28*1	PTN-M5P35*1	PTN-M5P35*1	PTN-M5P35*1	PTN-M5P60*1	
Ağırlık(Weight)	41g	42g	45g	65g	50g	19g

Profile, SUS Tube

Stents Module Bağlantı Modülleri

Quick Changer Hızlı Değiştiriciler

Grip Module Tutucu Modüller

Air Whipper Havalı Kesiciler

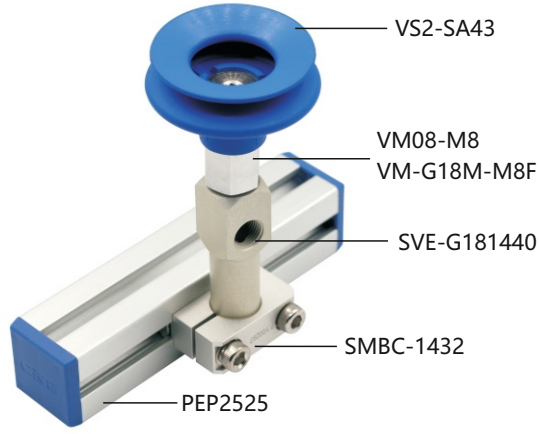
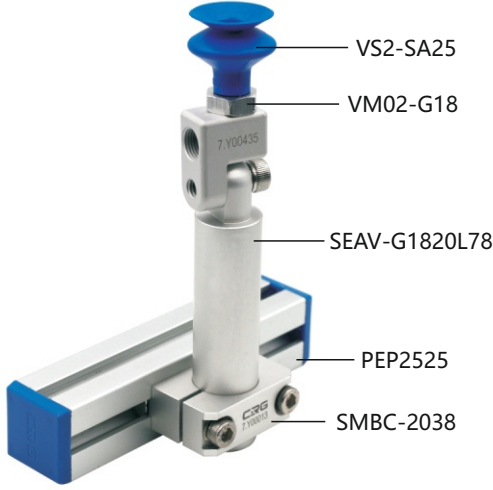
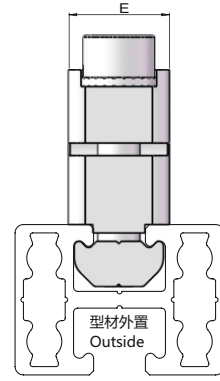
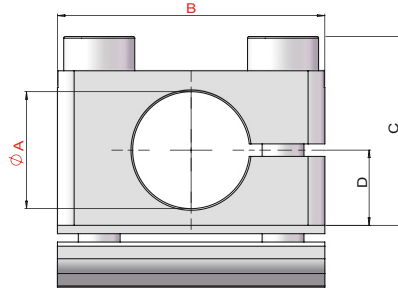
Vacuum Module Vakum Modülleri

Accessory Components Aksesuar Komponentleri

Köprü Montaj Braketi Cross (Square) Joint Connector (Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SMBC-1025 **T** Örnek:7.Y00296-**T**

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına **T** eklenir



Stok Kodu(PN)	7.Y00296	7.Y00297	7.Y00013	7.Y00226	7.Y00225
Model(Model)	SMBC-1025	SMBC-1432	SMBC-2038	SMBC-3050	SMBC-5070
A(mm)	Ø10	Ø14	Ø20	Ø30	Ø50
B(mm)	25	32	38	50	70
C(mm)	18.5	23	28	34	56
D(mm)	7	9	12.5	17	28
E(mm)	10	12	15	20	25
Dışındaki Profil Outside	PEP1818	PEP1818	PEP1818	PEP1818	PEP1818
	PEP2510	PEP2510	PEP2510	PEP2510	PEP2510
	PEP2518	PEP2518	-	-	-
	PEP2525	PEP2525	PEP2525	PEP2525	PEP2525
	PEP5025	PEP5025	PEP5025	PEP5025	PEP5025
	PEP4040	PEP4040	PEP4040	PEP4040	PEP4040
Aksesuar Seçimi Accessorier selection					
Vidalar(Screws)	PTC-M5L25*2	PTC-M5L25*2	PTC-M5L30*2	PTC-M5L35*2	PTC-M5L50*2
Kilitli Pul(Single hole shim)	PTS-M5*2	PTS-M5*2	PTS-M5*2	PTS-M5*2	PTS-M5*2
T Somunlar(T-Nuts)	PTN-M5P17*1	PTN-M5P22*1	PTN-M5P28*1	PTN-M5P40*1	PTN-M5P60*1
Ağırlık(Weight)	15g	32g	45g	75g	150g

Profile

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

Air Nipper
Hava Kesiciler

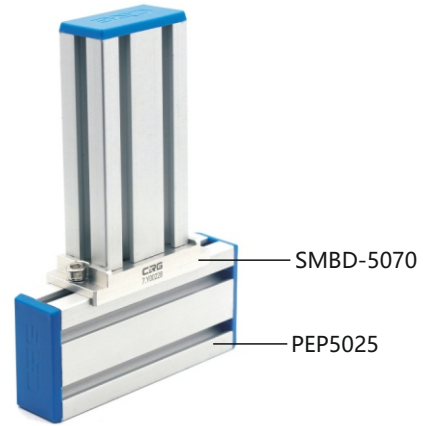
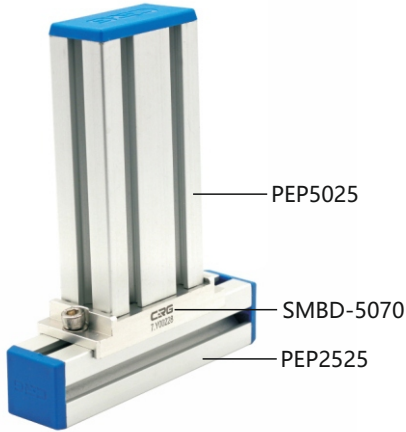
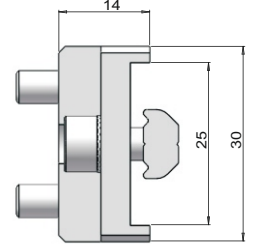
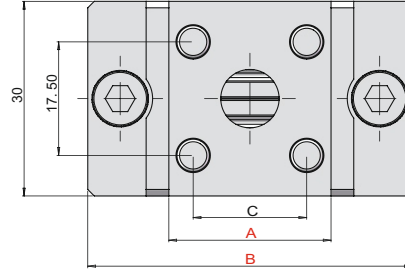
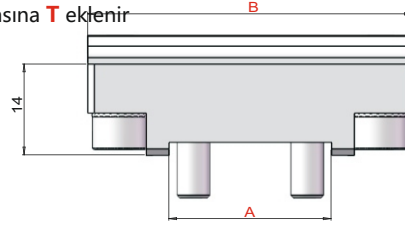
Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Profil Dikey Bağlayıcı Vertical Fastening Of The Profiles (Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SMBD-2550 T Örnek:7.Y00227-T

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına T eklenir



Stok Kodu(PN)	7.Y00227	7.Y00228
Model(Model)	SMBD-2550	SMBD-5070
A(mm)	25	50
B(mm)	50	70
C(mm)	17.5	42.5
PEP2525	√	√
PEP5025	√	√
Akseuar Seçimi Accessorier selection		
Vidalar(Screws)	PTC-M5L12*6	PTC-M5L12*4
Kilitli Pul(Single hole shim)	PTS-M5*2	PTS-M5*2
T Somunlar(T-Nuts)	PTN-M5P40*1	PTN-M5P60*1
Ağırlık(Weight)	65g	85g

Profile, SUS Tube

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

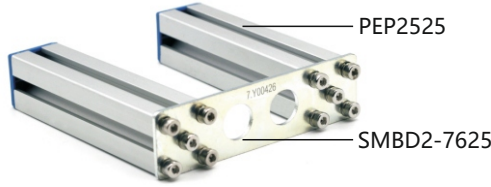
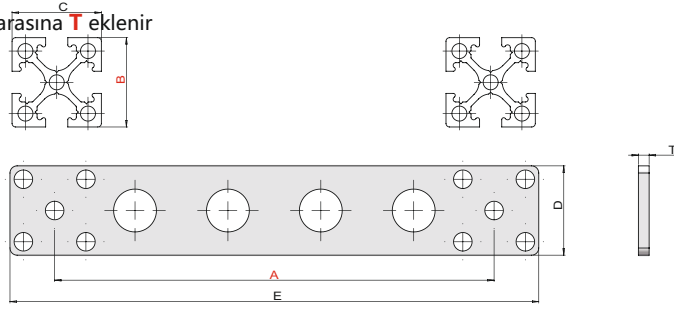
Vacuum Module
Vakum Modülleri

Accessory Components
Akseuar Komponentleri

Profil Paralel Birleştiricisi Flat Straight Connector (Vida Takımı Dahil Değildir) (Not Including Kit With Screws)

Örnek: SMBD2-7625 T Örnek:7.Y00426-T

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına T eklenir

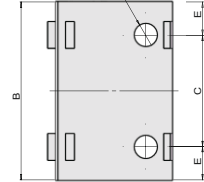
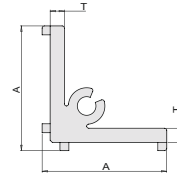
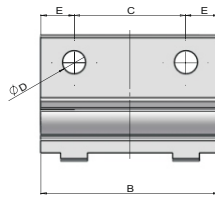
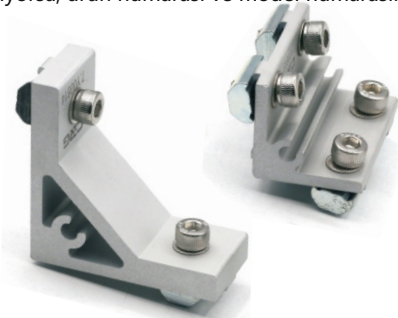


Stok Kodu(PN)	7.Y00426	7.Y00427	7.Y00428	7.Y00429	7.Y00430	7.Y00431
Model(Model)	SMBD2-7625	SMBD2-12025	SMBD2-13025	SMBD2-7650	SMBD2-12050	SMBD2-13050
A(mm)	76	120	130	76	120	130
B(mm)	25	25	25	50	50	50
C(mm)	25	25	25	25	25	25
D(mm)	28	28	28	53	53	53
E(mm)	104	148	158	104	148	158
T(mm)	2	2	2	2	2	2
PEP2525	√	√	√	-	-	-
PEP5025	-	-	-	√	√	√
Ağırlık(Weight)	50g	60g	65g	75g	100g	110g

Profil İçin Köşe Birleştiricisi Angle Bracket For Profiles (Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SMBD3-2525 T Örnek:7.Y00812-T

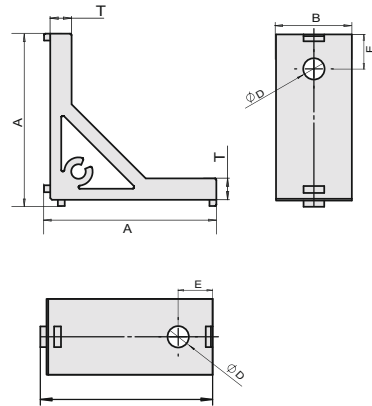
Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına T eklenir



Stok K.(PN)	7.Y00812	7.Y00813	7.Y00814	7.Y00815
Model(Model)	SMBD3-2525	SMBD3-2550	SMBD3-4040	SMBD3-4080
A(mm)	28	28	50	50
B(mm)	18	40	22	70
C(mm)	-	25	-	40
D(mm)	Ø5.2	Ø5.2	Ø6.2	Ø6.2
E(mm)	9	7.5	11	15
T(mm)	3.2	3.2	6.2	6.2
Profil	PEP1818 PEP2510 PEP2518 PEP2525	PEP2550	PEP4040 PEP4080	PEP4080

Aksesuar Seçimi Accessorier selection

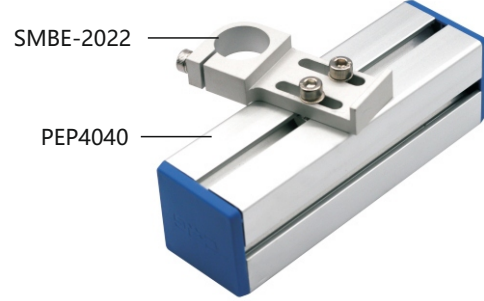
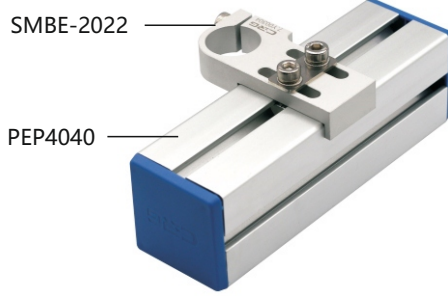
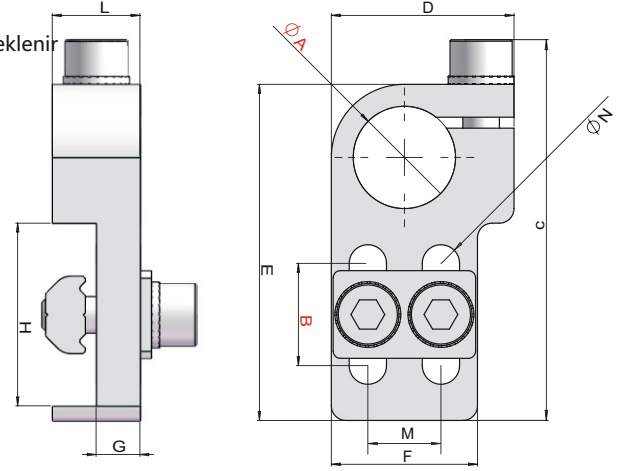
Vidalar(Screws)	PTC-M5L12*2	PTC-M5L12*4	PTC-M6L14*2	PTC-M5L14*4
Kilitli Pul	PTS-M5*2	PTS-M5*4	PTS-M6*2	PTS-M5*4
T Somunlar(T-Nuts)	PTN-M5*2	PTN-M5*4	PTN-M6*2	PTN-M5*4
Ağırlık(Weight)	10g	22g	38g	126g



Düz Montaj Braketi Flat Straight Connector (Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SMBE-1010 **T** Örnek:7.Y00300-**T**

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına **T** eklenir



Stok Kodu(PN)	7.Y00300	7.Y00301	7.Y00775	7.Y00864	7.Y00302	7.Y00014	7.Y00304
Model(Model)	SMBE-1010	SMBE-1014	SMBE-1210	SMBE-1214	SMBE-1414	SMBE-2014	SMBE-2022
A(mm)	Ø10	Ø10	Ø12	Ø12	Ø14	Ø20	Ø20
B(mm)	10	14	10	14	14	14	22
C(mm)	43	49	43	50	52.1	57.1	74.1
D(mm)	20	20	20.5	20.5	25	30	30
E(mm)	38	44	38	45	46	51.5	68
F(mm)	16	16	16	16	20	25	25
G(mm)	4.5	4.5	4.5	4.5	6	6.2	6
H(mm)	18	25	18	25	25	25	40
L(mm)	8	8	8	8	12	12	12
M(mm)	8	8	8	8	10	15	15
N(mm)	Ø4.2	Ø4.2	Ø4.2	Ø4.2	Ø5.2	Ø5.2	Ø5.2
PEP1818	√	-	√	-	-	-	-
PEP2510	-	√	-	√	√	√	-
PEP2518	-	√	-	-	√	√	-
PEP2525	-	√	-	-	√	√	-
PEP5025	-	√	-	-	√	√	-
PEP4040	-	-	-	-	-	-	√

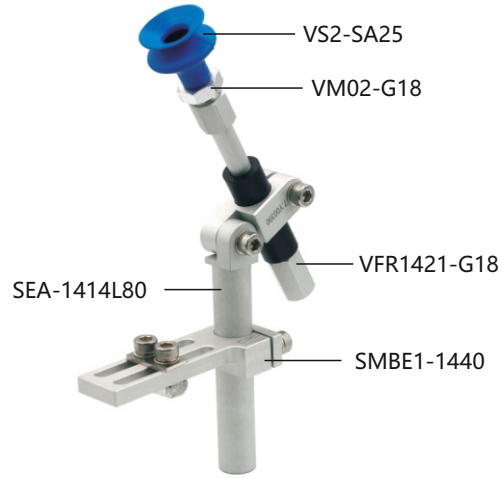
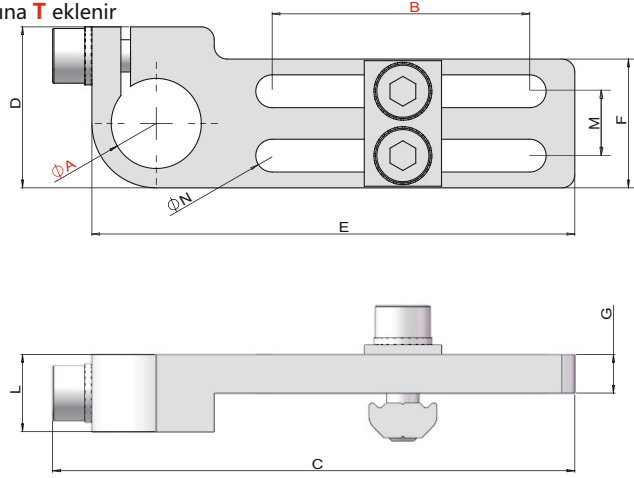
Aksesuar Seçimi Accessorier selection

Vidalar(Screws)	PTC-M4L14*2	PTC-M4L14*2	PTC-M4L14*2	PTC-M4L14*2	PTC-M5L16*2	PTC-M5L16*2	PTC-M5L16*2
Kilitli Pul (Single hole shim)	PTS-M4*2	PTS-M4*2	PTS-M4*2	PTS-M4*2	PTS-M5*2	PTS-M5*2	PTS-M5*2
T Somunlar(T-Nuts)	PTN-M4P8*1	PTN-M4P8*1	PTN-M4P8*1	PTN-M4P8*1	PTN-M5P10*1	PTN-M5P15*1	PTN-M5P15*1
Çift Delikli Pul (Double holes shim)	PTD-M4P8*1	PTD-M4P8*1	PTD-M4P8*1	PTD-M4P8*1	PTD-M5P10*1	PTD-M5P15*1	PTD-M5P15*1
Ağırlık(Weight)	20g	21g	22g	10g	34g	45g	48g

Montaj Braketi Mounting Bracket (Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SMBE1-0840 **T** Örnek:7.Y00694-**T**

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına **T** eklenir



Stok Kodu(PN)	7.Y00694	7.Y00201	7.Y00695	7.Y00200	7.Y00199	7.Y00015	7.Y00724
Model(Model)	SMBE1-0840	SMBE1-1040	SMBE1-1240	SMBE1-1440	SMBE1-1450	SMBE1-2060	SMBE1-3060
A(mm)	Ø8	Ø10	Ø12	Ø14	Ø14	Ø20	Ø30
B(mm)	40	40	40	40	50	60	60
C(mm)	75	75	75	81.1	91.1	111.1	121.1
D(mm)	20	20	20	25	25	30	40
E(mm)	70	70	70	75	85	105	115
F(mm)	16	16	16	20	20	25	35
G(mm)	4.5	4.5	4.5	6	6	6	8
L(mm)	8	8	8	12	12	12	12
M(mm)	8	8	8	10	10	15	22
N(mm)	Ø4.2	Ø4.2	Ø4.2	Ø5.2	Ø5.2	Ø5.2	Ø5.2
PEP1818	✓	✓	✓	✓	✓	✓	✓
PEP2510	✓	✓	✓	✓	✓	✓	✓
PEP2518	✓	✓	✓	✓	✓	✓	✓
PEP2525	✓	✓	✓	✓	✓	✓	✓
PEP5025	✓	✓	✓	✓	✓	✓	✓
PEP4040	-	-	-	✓	✓	✓	✓

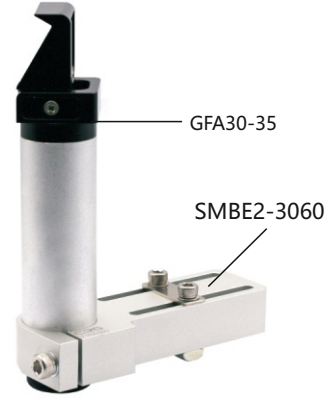
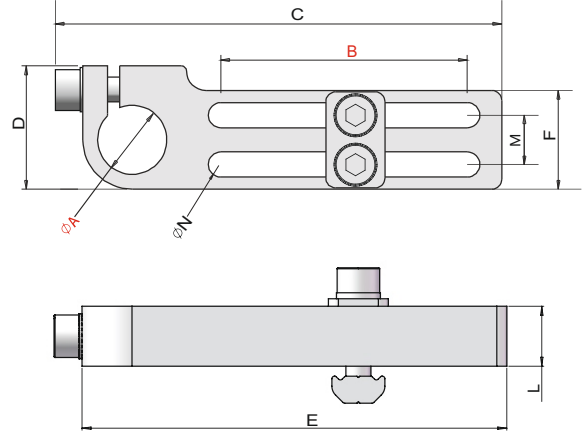
Aksesuar Seçimi Accessorier selection

Vidalar(Screws)	PTC-M4L14*2	PTC-M4L14*2	PTC-M4L14*2	PTC-M5L16*2	PTC-M5L16*2	PTC-M5L16*2	PTC-M5L16*2
Kilitli Pul(Single hole shim)	PTS-M4*2	PTS-M4*2	PTS-M4*2	PTS-M5*2	PTS-M5*2	PTS-M5*2	PTS-M5*2
T Somunlar(T-Nuts)	PTN-M4P8*1	PTN-M4P8*1	PTN-M4P8*1	PTN-M5P10*1	PTN-M5P10*1	PTN-M5P15*1	PTN-M5P22*1
Çift Delikli Pul(Two holes shim)	PTD-M4P8*1	PTD-M4P8*1	PTD-M4P8*1	PTD-M5P10*1	PTD-M5P10*1	PTD-M5P15*1	PTD-M5P22*1
Ağırlık(Weight)	13g	23g	12g	38g	40g	55g	95g

Ağır Şartlar Montaj Braketi Heavy Duty Mounting Bracket (Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SMBE2-1040 **T** Örnek:7.Y00725-**T**

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına **T** eklenir



Stok Kodu(PN)	7.Y00725	7.Y00777	7.Y00307	7.Y00308	7.Y00309
Model(Model)	SMBE2-1040	SMBE2-1240	SMBE2-1450	SMBE2-2060	SMBE2-3060
A(mm)	Ø10	Ø12	Ø14	Ø20	Ø30
B(mm)	40	40	50	60	60
C(mm)	75	75	90.6	110.6	122.2
D(mm)	20	20.5	25	30	42
E(mm)	70	70	85	105	115
F(mm)	16	16	20	25	35
L(mm)	8.3	8.3	12	15	20
M(mm)	8	8	10	15	22
N(mm)	Ø4.2	Ø4.2	Ø5.2	Ø5.2	Ø5.2
螺钉选配件 Accessorier selection					
Vidalar(Screws)	PTC-M4L18*2	PTC-M4L18*2	PTC-M5L22*2	PTC-M5L25*2	PTC-M5L30*2
Kilitli Somun(Single hole shim)	PTS-M4*2	PTS-M4*2	PTS-M5*2	PTS-M5*2	PTS-M5*2
T Somunlar(T-Nuts)	PTN-M4P8*1	PTN-M4P8*1	PTN-M5P10*1	PTN-M5P15*1	PTN-M5P22*1
Çift Delikli Pul(Double holes shim)	PTD-M4P8*1	PTD-M4P8*1	PTD-M5P10*1	PTD-M5P15*1	PTD-M5P22*1
Ağırlık(Weight)	30g	40g	60g	85g	175g

Profile, SUS Tube

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

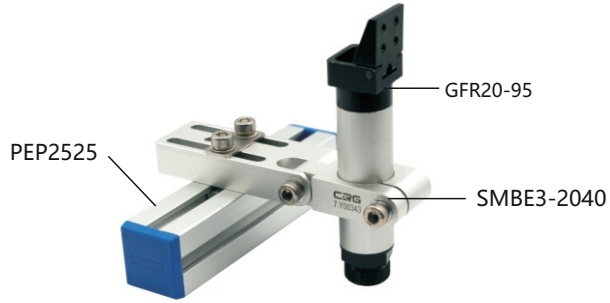
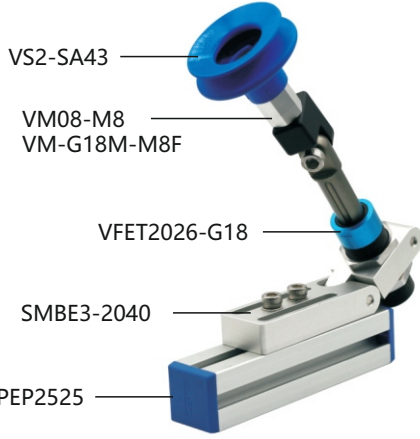
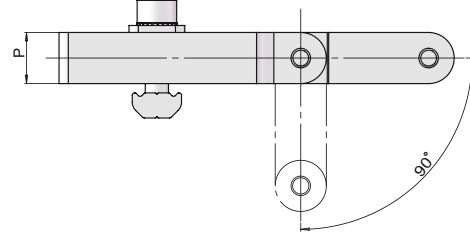
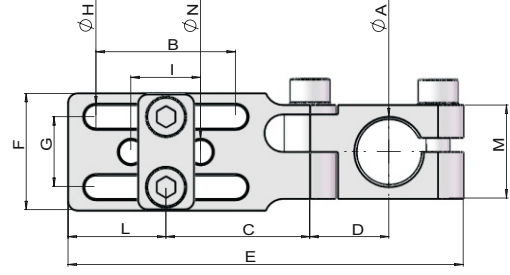
Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Kanallı Açılı Braket Slotted Angular Bracket (Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SMBE3-1020 **T** Örnek:7.Y00341-**T**

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına **T** eklenir



Stok Kodu(PN)	7.Y00341	7.Y00795	7.Y00342	7.Y00343	7.Y00344
Model(Model)	SMBE3-1020	SMBE3-1220	SMBE3-1430	SMBE3-2040	SMBE3-3050
A(mm)	Ø10	Ø12	Ø14	Ø20	Ø30
B(mm)	20	20	30	40	50
C(mm)	23	23	31	39	49
D(mm)	14	14	17	22	28
E(mm)	64.5	64.5	85	107	135.5
F(mm)	16	16	25	25	36
G(mm)	8	8	15	15	22
H(mm)	4.2	4.2	5.2	5.2	5.2
I(mm)	-	-	15	15	22
L(mm)	15	15	21	26	32
M(mm)	16	16	20	25	36
N(mm)	-	-	Ø5.1	Ø5.1	Ø5.1
P(mm)	9	9	11	13	16

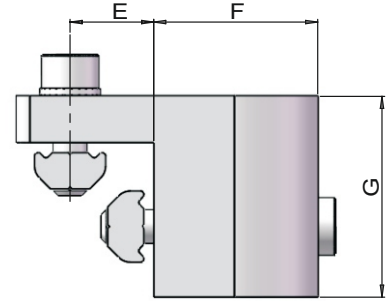
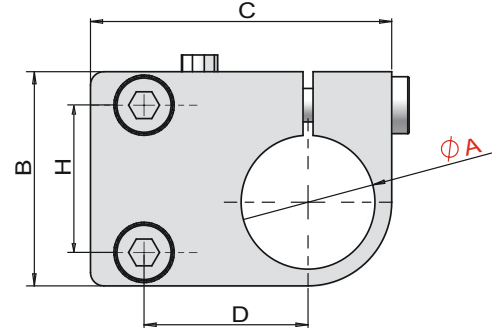
Aksesuar Seçimi Accessoir selection

Vidalar(Screws)	PTC-M4L18*2	PTC-M4L18*2	PTC-M5L20*2	PTC-M5L22*2	PTC-M5L25*2
Kilitli Pul(Single hole shim)	PTS-M4*2	PTS-M4*2	PTS-M5*2	PTS-M5*2	PTS-M5*2
T Somunlar(T-Nuts)	PTN-M4P8*1	PTN-M4P8*1	PTN-M5P15*1	PTN-M5P15*1	PTN-M5P22*1
Çift Delikli Pul(Double holes shim)	PTD-M4P8*1	PTD-M4P8*1	PTD-M5P15*1	PTD-M5P15*1	PTD-M5P22*1
Ağırlık(Weight)	30g	35g	50g	90g	185g

Montaj Brakerti Mounting Bracket (Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SMBE4-1412 T Örnek7.Y00224-T

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına T eklenir



Stok Kodu(PN)	7.Y00224	7.Y00223	7.Y00181	7.Y00222	7.Y00221
Model (Model)	SMBE4-1412	SMBE4-2012	SMBE4-2020	SMBE4-3012	SMBE4-3020
A(mm)	Ø14	Ø20	Ø20	Ø30	Ø30
B(mm)	25	32	35	40	45
C(mm)	40	45	54.5	55	65.5
D(mm)	22	24.5	33	29.5	39
E(mm)	12.5	12.5	20	12.5	20
F(mm)	19.5	24.5	26.5	34.5	37.5
G(mm)	25	30	35	30	40
H(mm)	15	22	25	30	35
PEP1818	√	√	-	√	-
PEP2510	√	√	-	√	-
PEP2518	√	√	-	√	-
PEP2525	√	√	-	√	-
PEP5025	√	√	-	√	-
PEP4040	-	-	√	-	√

Aksesuar Seçimi Accessorier selection

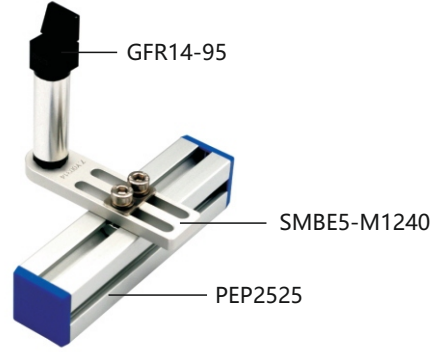
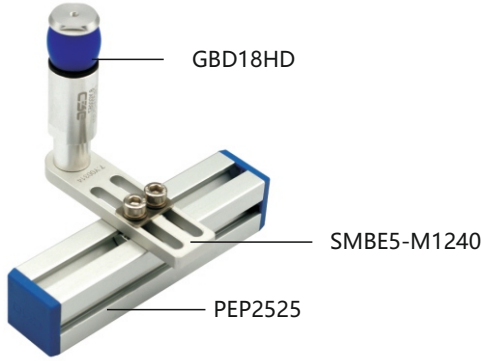
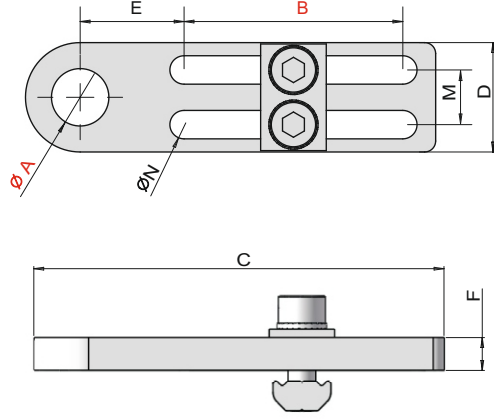
Vidalar(Screws)	PTC-M5L14*2	PTC-M5L16*2	PTC-M5L16*2	PTC-M5L16*2	PTC-M5L16*2
Kilitli Pul (Single hole shim)	PTS-M5*2	PTS-M5*2	PTS-M5*2	PTS-M5*2	PTS-M5*2
T Somunlar(T-Nuts)	PTN-M5P15*1	PTN-M5P22*1	PTN-M5P25*1	PTN-M5P30*1	PTN-M5P30*1
Ağırlık(Weight)	50g	70g	95g	90g	150g

Montaj Braketi Mounting Bracket

(Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SMBE5-G1840 **T** Örnek:7.Y00310-**T**

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına **T** eklenir



Stok Kodu(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	M(mm)	N(mm)	重量(Weight)
7.Y00310	SMBE5-G1840	G1/8	40	75	20	19	6	10	Ø5.2	25g
7.Y00311	SMBE5-G1860	G1/8	60	105	25	26.5	6	15	Ø5.2	42g
7.Y00312	SMBE5-M1040	M10×1	40	75	20	19	6	10	Ø5.2	30g
7.Y00313	SMBE5-M1060	M10×1	60	105	25	26.5	6	15	Ø5.2	40g
7.Y00314	SMBE5-M1240	M12×1	40	75	20	19	6	10	Ø5.2	30g
7.Y00315	SMBE5-M1260	M12×1	60	105	25	26.5	6	15	Ø5.2	47g
7.Y00316	SMBE5-M1440	M14×1	40	75	20	19	6	10	Ø5.2	20g
7.Y00317	SMBE5-M1460	M14×1	60	105	25	26.5	6	15	Ø5.2	40g
7.Y00320	SMBE5-M1640	M16×1	40	75	20	19	6	10	Ø5.2	20g
7.Y00321	SMBE5-M1660	M16×1	60	105	25	26.5	6	15	Ø5.2	40g
7.Y00322	SMBE5-M2040	M20×1	40	75	25	16.5	6	15	Ø5.2	30g
7.Y00323	SMBE5-M2060	M20×1	60	105	25	26.5	6	15	Ø5.2	35g

Aksesuar Seçimi Accessorier selection

Aksesuar Seçimi 1- Accessorier selection1

Vidalar(Screws)	PTC-M5L14*2	SMBE5-G1840, SMBE5-M1040,
Kilitli Pul(Single hole shim)	PTS-M5*2	SMBE5-M1240, SMBE5-M1440,
T Somunlar(T-Nuts)	PTN-M5P10*1	SMBE5-M1640
Çift Delikli Pul(Double holes shim)	PTD-M5P10*1	

Aksesuar Seçimi 2- Accessorier selection2

Vidalar(Screws)	PTC-M5L14*2	SMBE5-G1860, SMBE5-M1060, SMBE5-M1260,
Kilitli Pul(Single hole shim)	PTS-M5*2	SMBE5-M1460, SMBE5-M1660, SMBE5-M2040,
T Somunlar(T-Nuts)	PTN-M5P15*1	SMBE5-M2060
Çift Delikli Pul(Double holes shim)	PTD-M5P15*1	

Profile

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Hava Kesiciler

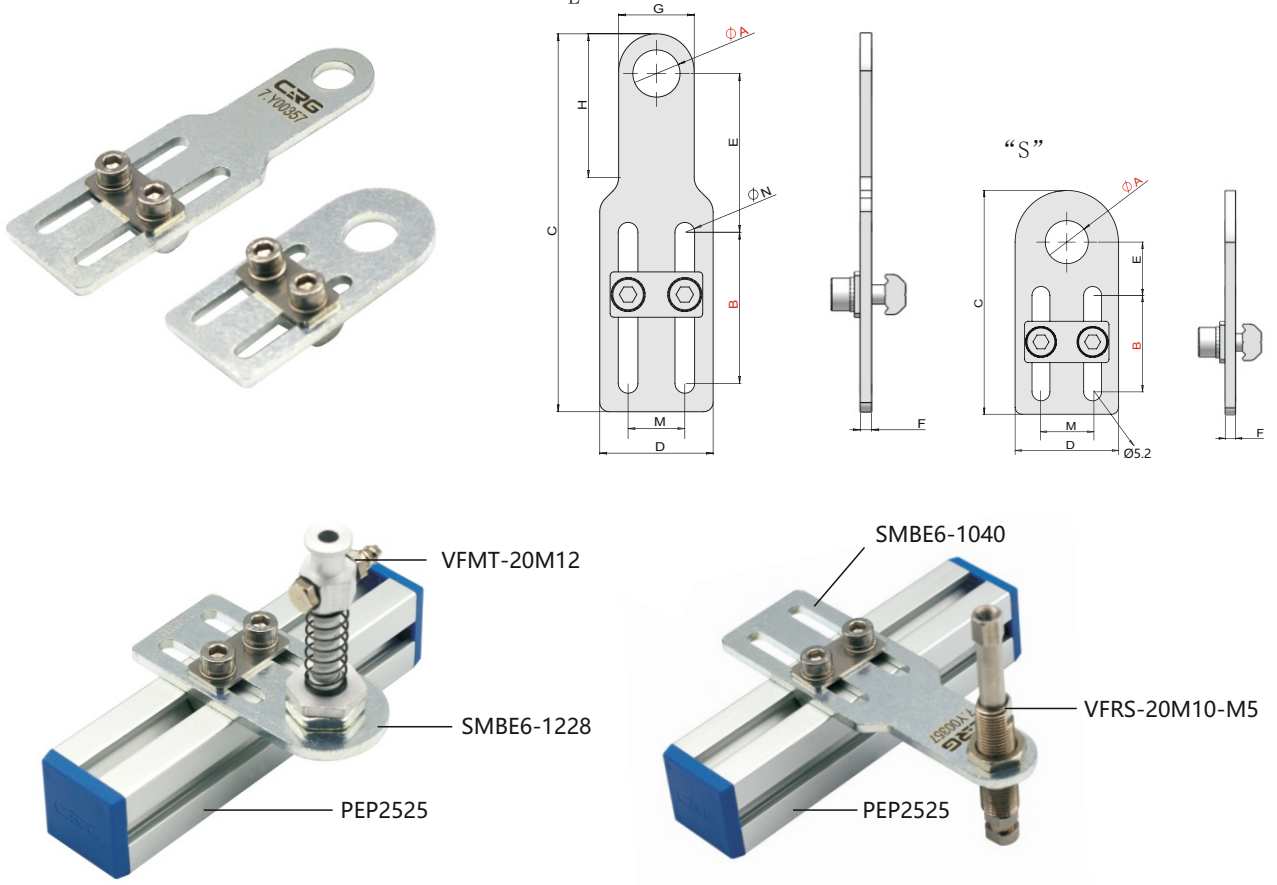
Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Montaj Braketi Mounting Bracket (Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SMBE6-1040 **T** Örnek:7.Y00357-**T**

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına **T** eklenir
“L”



Stok K.(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	M(mm)	N(mm)	Ağırlık(Weight)
7.Y00357	SMBE6-1040	Ø10.5	40	100	30	42.5	3	20	38	15	Ø5.2	60g
7.Y00358	SMBE6-1240	Ø12.5	40	100	30	42.5	3	20	38	15	Ø5.2	60g
7.Y00359	SMBE6-1440	Ø14.5	40	100	30	42.5	3	24	38	15	Ø5.2	60g
7.Y00360	SMBE6-1640	Ø16.5	40	100	30	42.5	3	30	-	15	Ø5.2	65g
7.Y00361	SMBE6-2040	Ø20.5	40	100	30	42.5	3	30	-	15	Ø5.2	60g
7.Y00362	SMBE6-2240	Ø22.5	40	100	30	42.5	5	35	26	15	Ø5.2	105g
7.Y00363	SMBE6-2540	Ø25.5	40	100	30	42.5	5	35	26	15	Ø5.2	100g
7.Y00364	SMBE6-1028	Ø10.5	28	65	30	15.5	3	-	-	15	Ø5.2	45g
7.Y00365	SMBE6-1228	Ø12.5	28	65	30	15.5	3	-	-	15	Ø5.2	45g
7.Y00366	SMBE6-1428	Ø14.5	28	65	30	15.5	3	-	-	15	Ø5.2	45g
7.Y00367	SMBE6-1628	Ø16.5	28	65	30	15.5	3	-	-	15	Ø5.2	45g
7.Y00368	SMBE6-2028	Ø20.5	28	65	30	15.5	3	-	-	15	Ø5.2	40g
7.Y00369	SMBE6-2228	Ø22.5	28	70	30	17	5	35	26	15	Ø5.2	75g
7.Y00370	SMBE6-2528	Ø25.5	28	70	30	17	5	35	26	15	Ø5.2	70g

Aksesuar Seçimi Accessorier selection

Aksesuar Seçimi 1 Accessorier selection 1

Vidalar(Screws)	PTC-M5L10*2	SMBE6-1040, SMBE6-1240, SMBE6-1440
Kilitli Pul(Single hole shim)	PTS-M5*2	SMBE6-1640, SMBE6-2040, SMBE6-1028
T Somunlar(T-Nuts)	PTN-M5P15*1	SMBE6-1228, SMBE6-1428, SMBE6-1628
Çift Delikli Pul(Double holes shim)	PTD-M5P15*1	SMBE6-2028

Aksesuar Seçimi 2 Accessorier selection 2

Vidalar(Screws)	PTC-M5L12*2	SMBE6-2240, SMBE6-2540
Kilitli Pul(Single hole shim)	PTS-M5*2	SMBE6-2228, SMBE6-2528
T Somunlar(T-Nuts)	PTN-M5P15*1	
Çift Delikli Pul(Double holes shim)	PTD-M5P15*1	

Profile, SUS Tube

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

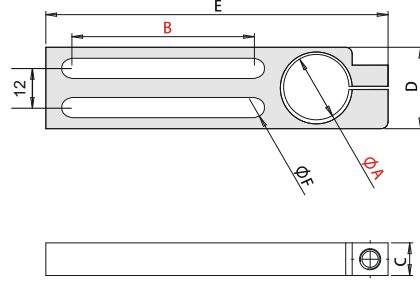
Grip Module
Tutucu Modüller

Air Nipper
Havai Kesiciler

Vacuum Module
Vakum Modülleri

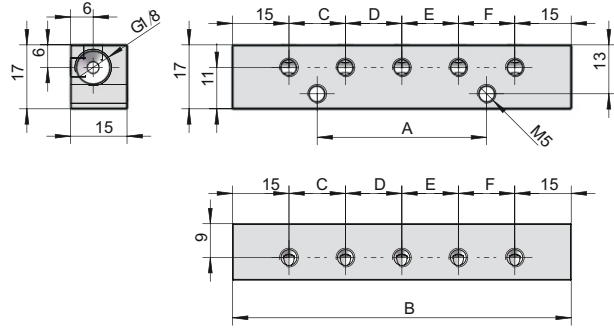
Accessory Components
Aksesuar Komponentleri

Yuvarlak Braket Cylinder Bracket

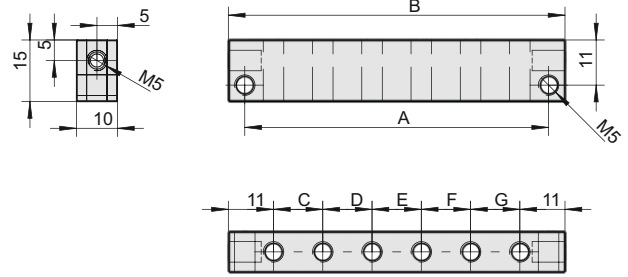
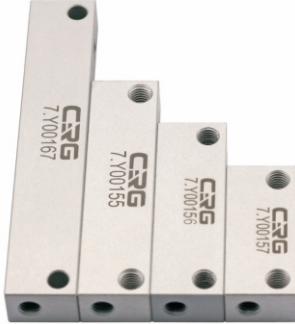


Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	Ağırlık(Weight)
7.Y00062	SMBE7-0856	Ø8	56	10	25	90	6.5	40g
7.Y00021	SMBE7-1256	Ø12	56	10	25	95	6.5	43g
7.Y00006	SMBE7-2056	Ø20	56	10	25	105	6.5	47g

Üniversal Dağıtıcı Blok Side Manifold Block

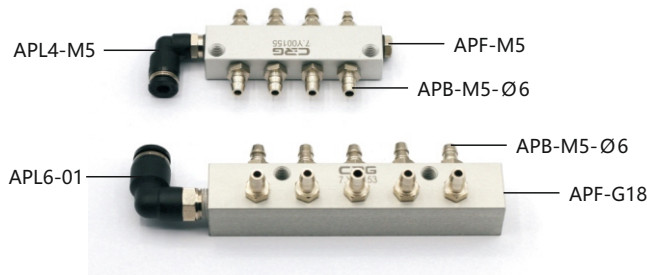


Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	Ağırlık(Weight)
7.Y00153	SMB-10M5-02G18	45	90	15	15	15	15	51g
7.Y00154	SMB-08M5-02G18	30	75	15	15	15	-	42g



Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	G	Ağırlık(Weight)
7.Y00157	SMB-06M5	26	34	12	-	-	-	-	10g
7.Y00156	SMB-08M5	38	46	12	12	-	-	-	14g
7.Y00155	SMB-10M5	50	58	12	12	12	-	-	18g
7.Y00167	SMB-14M5	74	82	12	12	12	12	12	26g

Uygulama Örneği/ Application example



Yan Manifold Blok Side Manifold Block (Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SMB-5G18 T Örnek:7.Y00229-T

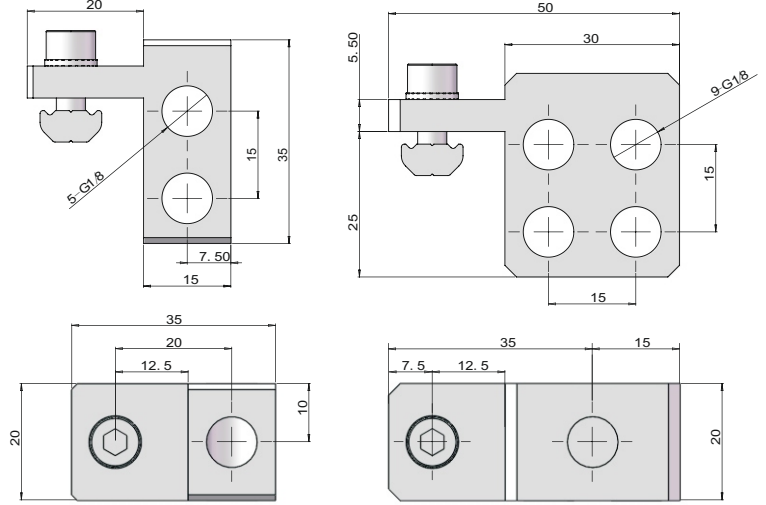
Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına T eklenir



G1/8(x5)



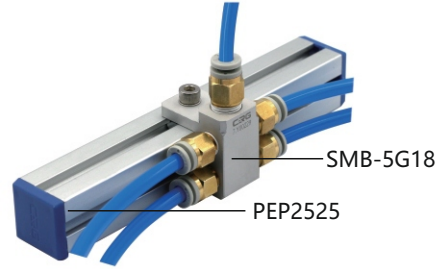
G1/8(x9)



Stok Kodu(PN)	7.Y00229	7.Y00231
Model(Model)	SMB-5G18	SMB-9G18
PEP 1818	✓	✓
PEP2510	✓	✓
PEP 2518	✓	✓
PEP2525	✓	✓
PEP5025	✓	✓

Aksesuar Seçimi Accessorier selection

Vidalar(Screws)	PTC-M5L14*1	PTC-M5L14*1
Kilitli Pul(Single hole shim)	PTS-M5*1	PTS-M5*1
T Somunlar(T-Nuts)	PTN-M5*1	PTN-M5*1
Ağırlık(Weight)	30g	50g



Yan Manifold Blok Side Manifold Block

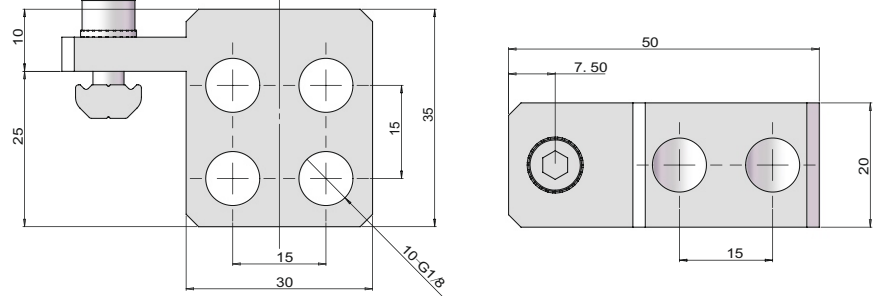
(Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SMB-D5G18 T Örnek:7.Y00230-T

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına T eklenir



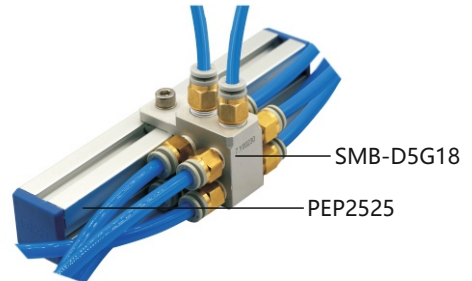
G1/8(5+5)



Stok Kodu(PN)	7.Y00230
Model(Spec)	SMB-D5G18
PEP 1818	✓
PEP2510	✓
PEP 2518	✓
PEP2525	✓
PEP5025	✓

Aksesuar Seçimi Accessorier selection

Vidalar(Screws)	PTC-M5L14*1
Kilitli Pul(Single hole shim)	PTS-M5*1
T Somunlar(T-Nuts)	PTN-M5*1
Ağırlık(Weight)	48g

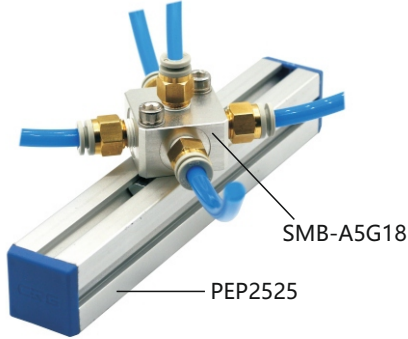
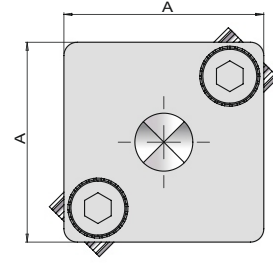
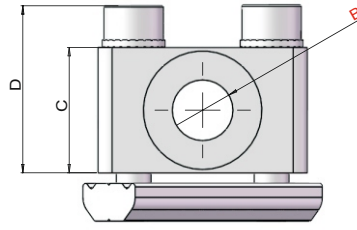


Manifold Blok Manifold Block

(Vida Opsiyonlu) (Kit With Screws Option)

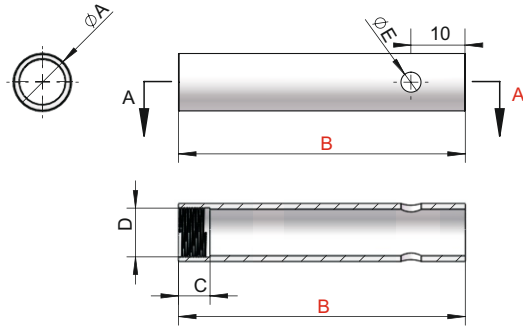
Örnek: SMB-A5G18 **T** Örnek:7.Y00240-**T**

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına **T** eklenir



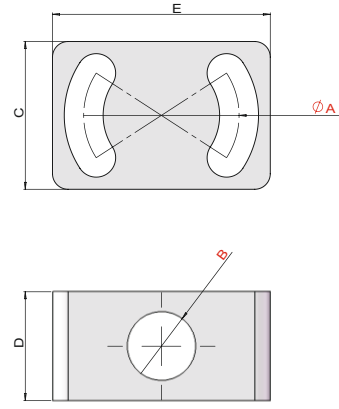
Stok Kodu(PN)	7.Y00240	7.Y00241
Model(Model)	SMB-A5G18	SMB-A5G14
A(mm)	30	40
B(mm)	(x5)G1/8	(x5)G1/4
C(mm)	18	20
D(mm)	24	23
Akseuar Seçimi Accessorier selection		
Vidalar(Screws)	PTC-M5L25*2	PTC-M5L25*2
Kilitli Pul(Single hole shim)	PTS-M5*2	PTS-M5*2
T Somunlar(T-Nuts)	PTN-M5P28*1	PTN-M5P35*1
Ağırlık(Weight)	50g	80g

Uzatma Borusu Extension Tube



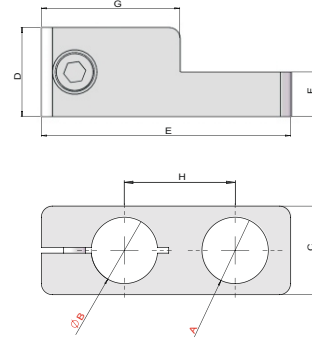
Stok Kodu(PN)	Model(Model)	A	B	C	D	E	Ağırlık(Weight)
7.Y00736	SMBY12-50	Ø12	50	12	M10*1	5	9g
7.Y00735	SMBY12-100	Ø12	100	12	M10*1	5	17g
7.Y00733	SMBY14-50	Ø14	50	12	M12*1	5	10g
7.Y00734	SMBY14-100	Ø14	100	12	M12*1	5	20g
7.Y00732	SMBY20-50	Ø20	50	15	M17*1	8	16g
7.Y00731	SMBY20-100	Ø20	100	15	M17*1	8	31g
7.Y00462	SMBY20-150	Ø20	150	15	M17*1	8	47g
7.Y00729	SMBY30-50	Ø30	50	18	M27*1	9	29g
7.Y00730	SMBY30-100	Ø30	100	18	M27*1	9	58g
7.Y00463	SMBY30-150	Ø30	150	18	M27*1	9	87g

Döner Blok Swing Block



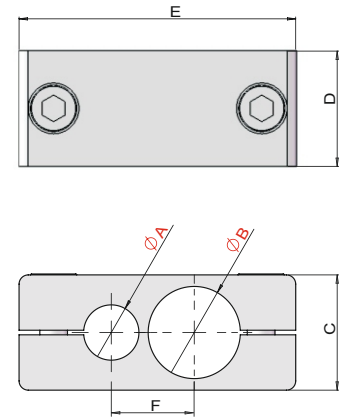
Stok Kodu(PN)	Model(Model)	A	B	C	D	E	Ağırlık(Weight)
7.Y00048	SMBT4-G1820	Ø20	G1/8	19	14	28	11g

SSW Bağlantısı SSW Connector SSW



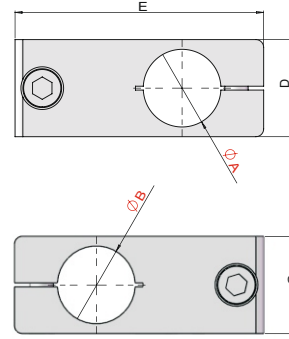
Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	G	H	Ağırlık(Weight)
7.Y00028	SMBT1-M1412	M14	Ø12	16	16	45	8	25	20	16g

Paralel Bağlayıcı Parallel Connector

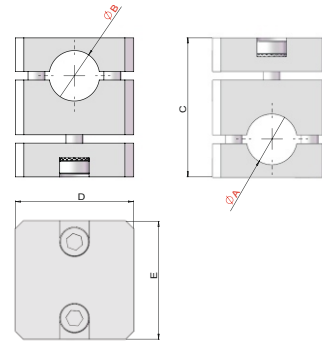


Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	Ağırlık(Weight)
7.Y00042	SMBP-0808	Ø8	Ø8	12	12	35	10	11g
7.Y00043	SMBP-0812	Ø8	Ø12	16	16	43	12	23g
7.Y00044	SMBP-1212	Ø12	Ø12	16	16	44	14	21g
7.Y00045	SMBP-2012	Ø20	Ø12	25	25	60	18	75g
7.Y00046	SMBP-2020	Ø20	Ø20	25	25	66	24	71g

Çapraz Bağlantı Cross Connector

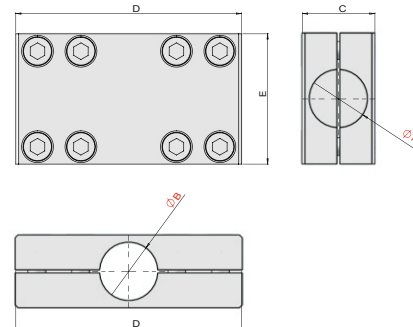


Stok Kodu(PN)	Model(Model)	A	B	C	D	E	Ağırlık(Weight)
7.Y00025	SMBT-0808	Ø8	Ø8	12	12	35	10g
7.Y00026	SMBT-1208	Ø12	Ø8	12	16	43	16g
7.Y00020	SMBT-1212	Ø12	Ø12	16	16	47	22g
7.Y00794	SMBT-1214	Ø12	Ø14	18	18	48	29g
7.Y00027	SMBT-2012	Ø20	Ø12	25	25	59	72g
7.Y00005	SMBT-2020	Ø20	Ø20	25	25	64	68g



Stok Kodu(PN)	Model(Model)	A	B	C	D	E	Ağırlık(Weight)
7.Y00192	SMBT2-1212	Ø12	Ø12	33	28	28	11g
7.Y00185	SMBT2-2020	Ø20	Ø20	48	42	42	30g

Çapraz Bağlantı#2 Cross Connector#2



Stok Kodu(PN)	Model(Model)	A	B	C	D	E	Ağırlık(Weight)
7.Y00047	SMBT3-2020	Ø20	Ø20	25	78	45	170g

Profile
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havalı Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

T Bağlantı T Connector

Profile, SUS Tube
Profilier

Stents Module
Bağlantı Modülleri

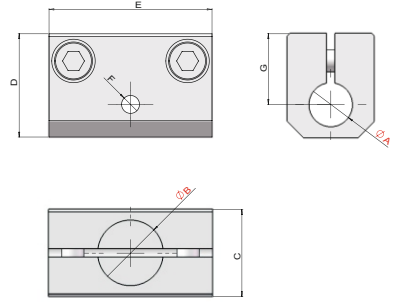
Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

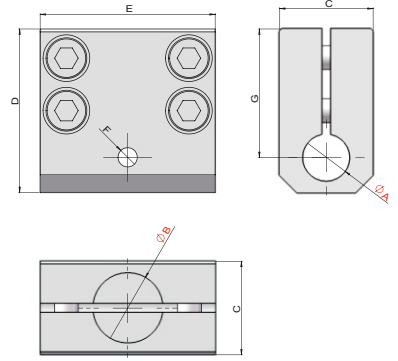
Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

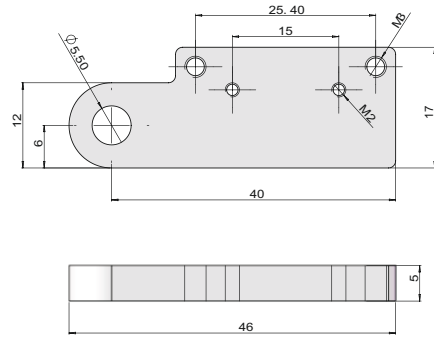
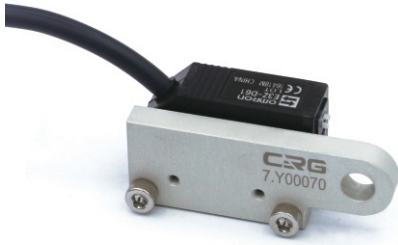


Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	G	Ağırlık(Weight)
7.Y00029	SMBF-0808	Ø8	Ø8	12	20	30	M4	14	14g
7.Y00030	SMBF-0812	Ø8	Ø12	16	20	30	M4	14	23g
7.Y00031	SMBF-1208	Ø12	Ø8	16	26	30	M4	16	19g
7.Y00032	SMBF-1212	Ø12	Ø12	16	26	30	M4	16	18g
7.Y00033	SMBF-1220	Ø12	Ø20	25	30	45	M4	20	60g
7.Y00034	SMBF-2012	Ø20	Ø12	25	40	45	M4	25	63g
7.Y00035	SMBF-2020	Ø20	Ø20	25	40	45	M4	25	56g

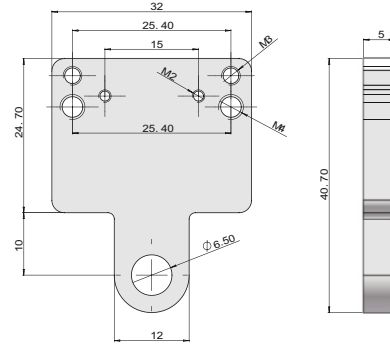
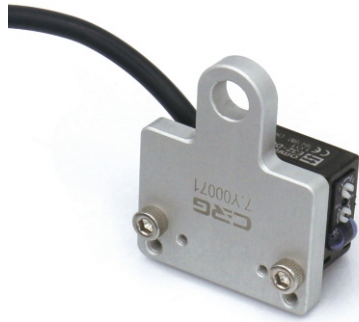


Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	G	Ağırlık(Weight)
7.Y00036	SMBF1-0808	Ø8	Ø8	12	28	26	M4	22	15g
7.Y00037	SMBF1-0812	Ø8	Ø12	16	28	30	M4	22	31g
7.Y00038	SMBF1-1208	Ø12	Ø8	16	35	30	M4	25	29g
7.Y00003	SMBF1-1212	Ø12	Ø12	16	35	30	M4	25	26g
7.Y00039	SMBF1-1220	Ø12	Ø20	25	44	45	M4	34	88g
7.Y00040	SMBF1-2012	Ø20	Ø12	25	54	45	M4	39	111g
7.Y00041	SMBF1-2020	Ø20	Ø20	25	51.5	45	M4	39	78g

Sensör Braketi Sensor Bracket

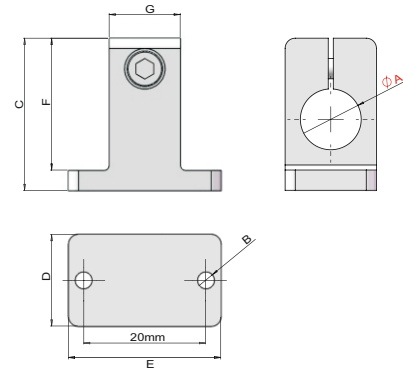


Stok K.(PN)	Model(Model)	Ağırlık(Weight)
7.Y00070	SMBJ1-5	9g



Stok K.(PN)	Model(Model)	Ağırlık(Weight)
7.Y00071	SMBJ2-6	12g

Fikstür Braketi Chuck Bracket



Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	G	Ağırlık(Weight)
7.Y00072	SMBT5-8	Ø8	M4	25	12	27	22	12	10g
7.Y00073	SMBT5-12	Ø12	M4	30	18	30	26	14	19g

Profile
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

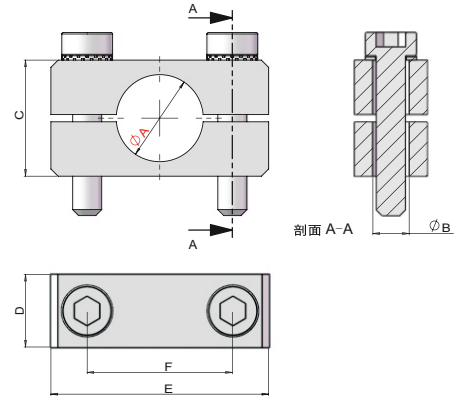
Grip Module
Tutucu Modülleri

Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

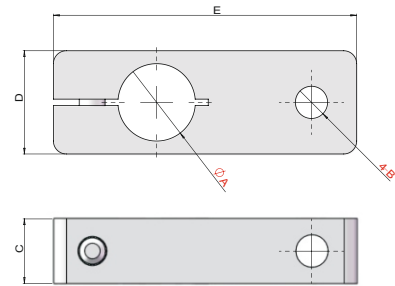
Accessory Components
Aksesuar Komponentleri

Braket Bracket



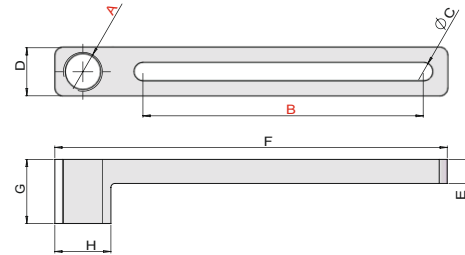
Stok K.(PN)	Model(Model)	A	B	C	D	E	F	重量(Weight)
7.Y00074	SMBT6-12	Ø12	Ø6.5	16	16	40	30	35g

Emicili Braket Suction Bracket

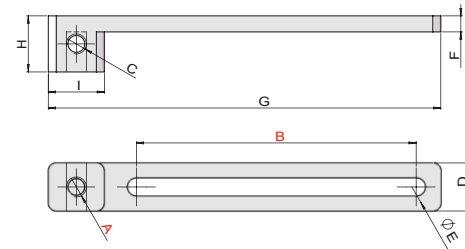


Stok Kodu(PN)	Model(Model)	A	B	C	D	E	重量(Weight)
7.Y00057	SMBG1-8M5	Ø8	M5	12	12	33	9g
7.Y00058	SMBG1-8M6	Ø8	M6	10	12	33	9g
7.Y00059	SMBG1-12M5	Ø12	M5	10	16	47	16g
7.Y00060	SMBG1-12M6	Ø12	M6	10	16	47	16g
7.Y00061	SMBG1-12G18	Ø12	G1/8	16	16	47	25g

Kayar Braket Slide Bracket



Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	G	H	Ağırlık(Weight)
7.Y00115	SCF1-40M3	M3	40	4.5	12	5	56	10	8	7g
7.Y00118	SCF1-40G18	G1/8	40	4.5	12	6	68	16	14	12g
7.Y00129	SCF1-70M3	M3	70	4.5	12	5	86	10	8	10g
7.Y00132	SCF1-70G18	G1/8	70	4.5	12	6	98	16	14	15g



Stok K.(PN)	Model(Model)	A	B	C	D	E	F	G	H	I	Ağırlık(Weight)
7.Y00173	SCF2-40M5	M5	40	M5	12	4.5	4	68	14	14	9g
7.Y00117	SCF2-40M6	M6	40	M6	12	4.5	4	68	14	14	10g
7.Y00130	SCF2-70M5	M5	70	M5	12	4.5	4	98	14	14	12g
7.Y00131	SCF2-70M6	M6	70	M6	12	4.5	4	98	14	14	13g

Profile, SUS Tube
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

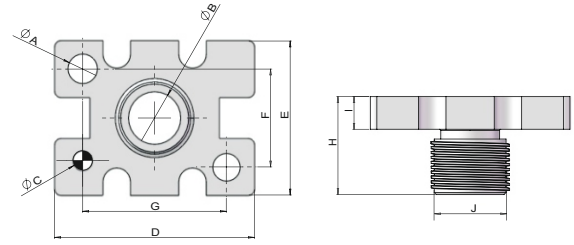
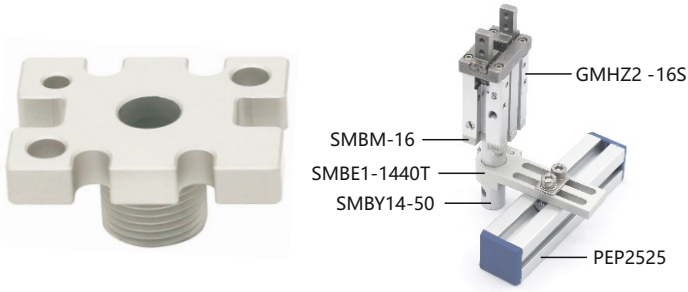
Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

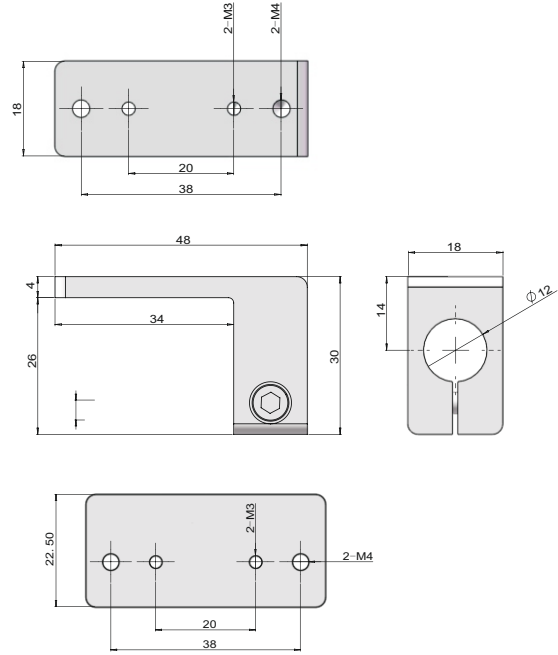
Accessory Components
Aksesuar Komponentleri

Tutucu Montaj Braketi Gripper Installation Bracket



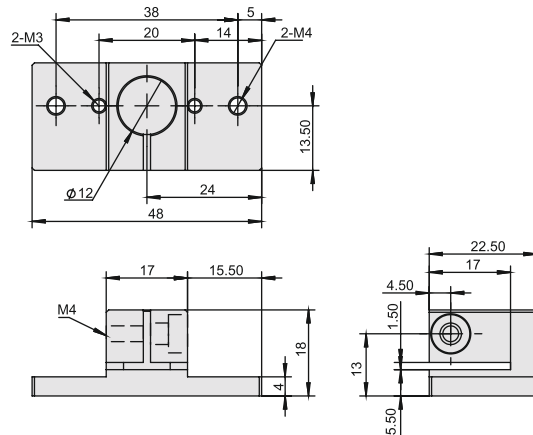
Stok K.(PN)	Model(Model)	A	B	C	D	E	F	G	H	I	J	Ağırlık(Weight)
7.Y00740	SMBM-10	Ø3.2	Ø6	Ø2	23	16.4	12	18	14	4	M10*1	5g
7.Y00741	SMBM-16	Ø4.2	Ø7	Ø3	30.6	23.6	15	22	15	5	M12*1	10g
7.Y00728	SMBM-20	Ø5.5	Ø7	Ø4	42	27.6	18	32	15	5	M12*1	14g
7.Y00739	SMBM-25	Ø6.5	Ø11	Ø5	52	33.6	22	40	18	6	M12*1	27g
7.Y00738	SMBM-32	Ø6.5	Ø11	Ø5	60	40	26	46	18	6	M17*1	36g
7.Y00737	SMBM-40	Ø8.5	Ø20	Ø5	72	48	32	56	20	8	M27*1	67g

Braket L12 Bracket L12



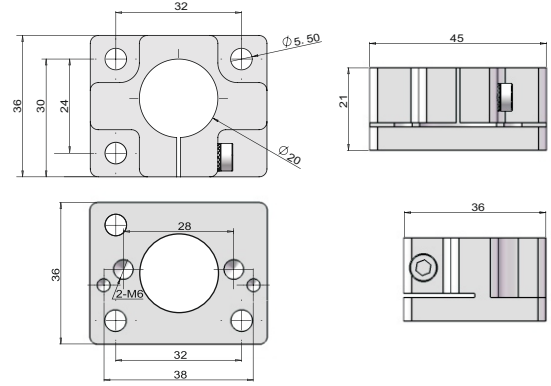
Stok K.(PN)	Model(Model)	Ağırlık(Weight)
7.Y00081	SMBT9-12	23g

Braket T Bracket T



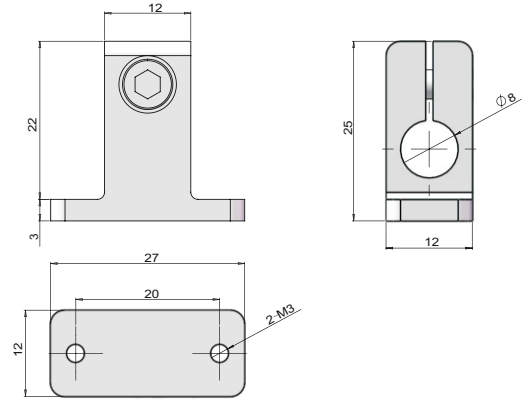
Stok K.(PN)	Model(Model)	Ağırlık(Weight)
7.Y00082	SMBU-12	21g

Braket T Bracket T

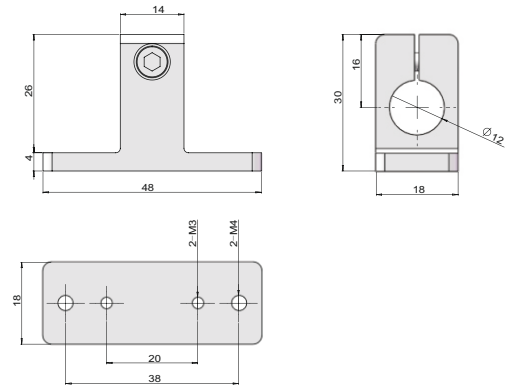


Stok K.(PN)	Model(Model)	Ağırlık(Weight)
7.Y000255	SMBU2-20	49g

Braket TH Bracket TH

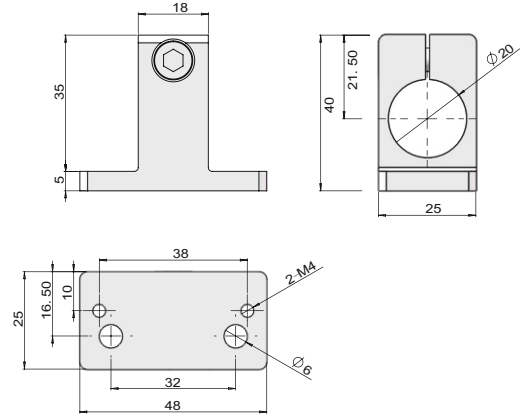


Stok K.(PN)	Model(Model)	Ağırlık(Weight)
7.Y000085	SMBU3-8	10g



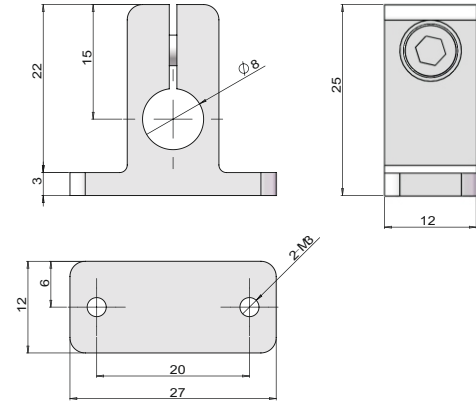
Stok K.(PN)	Model(Model)	Ağırlık(Weight)
7.Y000086	SMBU4-12	22g

Braket TH Bracket TH

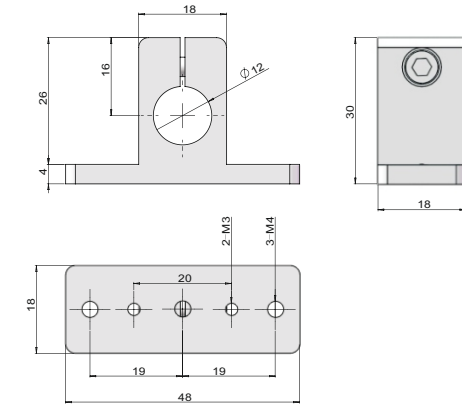


Stok K.(PN)	Model(Model)	Ağırlık(Weight)
7.Y00087	SMBU5-20	44g

Braket TV Bracket TV



Stok K.(PN)	Model(Model)	Ağırlık(Weight)
7.Y00088	SMBU6-8	10g



Stok K.(PN)	Model(Model)	Ağırlık(Weight)
7.Y00089	SMBU7-12	26g

Profile
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

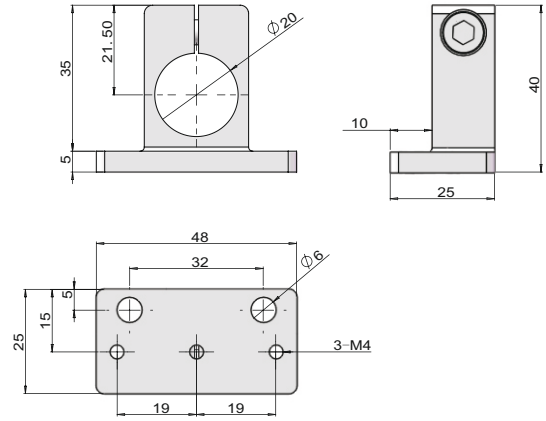
Grip Module
Tutucu Modülleri

Air Nipper
Havalı Kesiciler

Vacuum Module
Vakum Modülleri

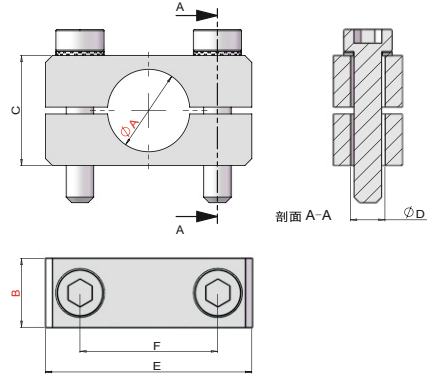
Accessory Components
Aksesuar Komponentleri

Braket T Bracket T



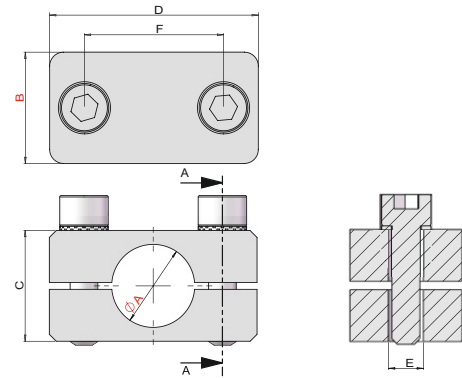
Stok K.(PN)	Model(Model)	Ağırlık(Weight)
7.Y00090	SMBU8-20	39g

Braket Bracket



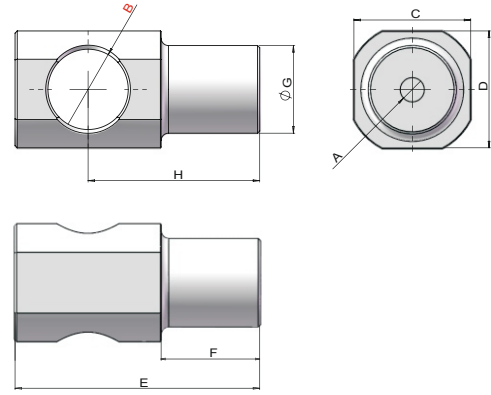
Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	Ağırlık(Weight)
7.Y00091	SMBK1-8T10	Ø8	10	16	Ø5.5	30	20	20g
7.Y00092	SMBK1-12T10	Ø12	10	16	Ø5.5	30	20	14g
7.Y00093	SMBK1-20T10	Ø20	10	27	Ø6.5	40	30	36g
7.Y00094	SMBK1-8T16	Ø8	16	16	Ø6.5	30	20	32g
7.Y00095	SMBK1-12T16	Ø12	16	16	Ø4.5	30	20	20g
7.Y00096	SMBK1-20T16	Ø20	16	27	Ø6.5	40	30	48g

Kayar Braket Slide Bracket

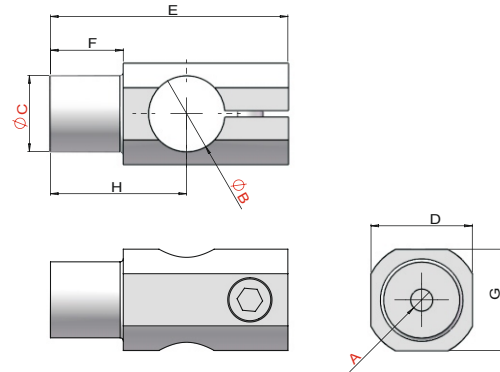


Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	Ağırlık(Weight)
7.Y00064	SMBS-8T10	Ø8	10	16	30	M4	20	16g
7.Y00065	SMBS-12T10	Ø12	10	16	30	M4	20	15g
7.Y00066	SMBS-20T10	Ø20	10	25	40	M6	30	33g
7.Y00067	SMBS-8T16	Ø8	16	16	30	M6	20	29g
7.Y00001	SMBS-12T16	Ø12	16	16	30	M6	20	29g
7.Y00068	SMBS-20T16	Ø20	16	25	40	M6	30	44g

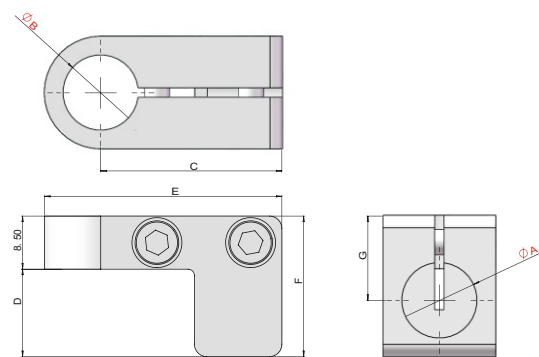
Döner Braket Rotation Bracket



Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	G	H	Ağırlık(Weight)
7.Y00099	SMBR2-M10	M4	M10	14	14	26.5	11.5	Ø8	19	6g
7.Y00100	SMBR2-M12	M4	M12	16	16	33.5	13.5	Ø12	23.5	12g



Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	G	H	Ağırlık(Weight)
7.Y00103	SMBR4-0808M4	M4	Ø8	Ø8	12	32.5	11.5	12	17.5	7g
7.Y00110	SMBR4-1208M4	M4	Ø12	Ø8	16	37.5	11.5	16	21.5	13g
7.Y00019	SMBR4-1212M4	M4	Ø12	Ø12	16	39.5	13.5	16	23.5	15g
7.Y00268	SMBR4-1212M4L	M4	Ø12	Ø12	16	55	29	16	39	20g
7.Y00461	SMBR4-1420M6	M6	Ø14	Ø20	25	60	20	25	37	70g
7.Y00007	SMBR4-2020M6	M6	Ø20	Ø20	25	60	20	25	37	59g
7.Y00206	SMBR4-2020M6L	M6	Ø20	Ø20	25	85	45	25	62	81g



Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	G	Ağırlık(Weight)
7.Y00111	SMBR5-1208	Ø12	Ø8	29	14	38	22.5	13.5	24g
7.Y00104	SMBR5-0808	Ø8	Ø8	29	11.5	36	20	13	16g
7.Y00112	SMBR5-1212	Ø12	Ø12	29	14	38	22.5	13.5	18g

Profile
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

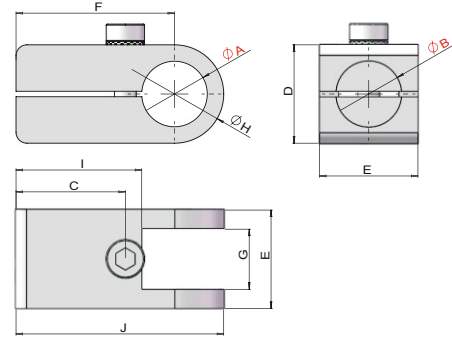
Grip Module
Tutucu Modülleri

Air Nipper
Havai Kesiciler

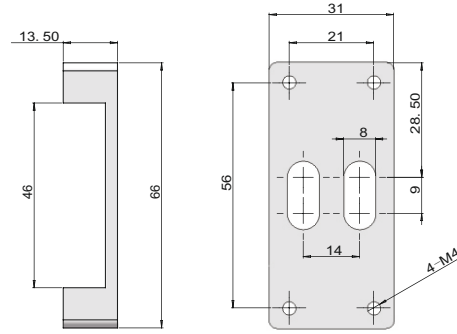
Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

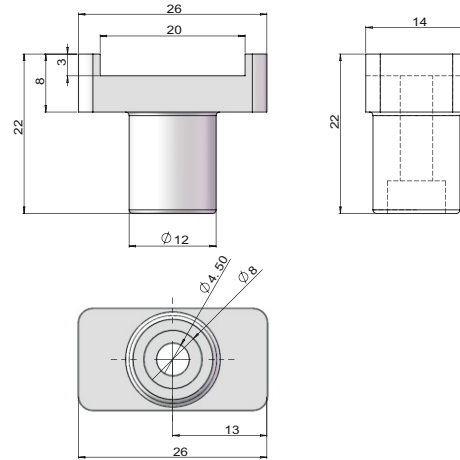
Döner Braket Rotation Bracket



Stok K.(PN)	Model(Model)	A	B	C	D	E	F	G	H	I	J	Ağırlık(Weight)
7.Y00113	SMBR7-0808	Ø8	Ø8	M4	15	15	25	10	15	21	32.5	13g
7.Y00114	SMBR7-1212	Ø12	Ø12	M4	18	18	29	11	18	23	38	18g



Stok K.(PN)	Model(Model)	Ağırlık(Weight)
7.Y00063	SMBR-46	31g



Stok K.(PN)	Model(Model)	Ağırlık(Weight)
7.Y00098	SMBR1-12	9g

Profile, SUS Tube
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

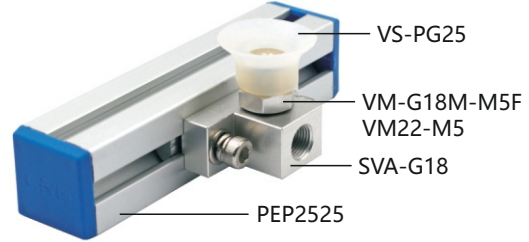
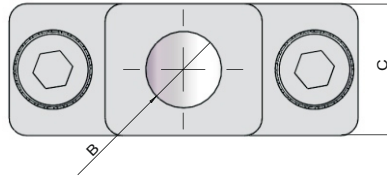
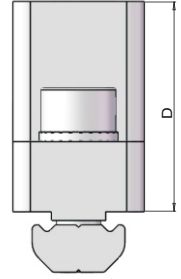
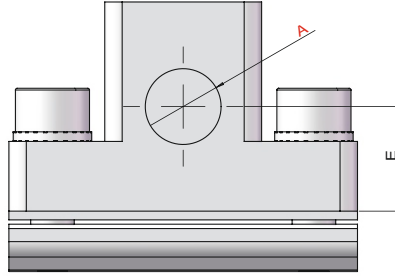
Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Vantuz Montaj Braketi Direct Connector For Vacuum Cup (Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SVA-G18 **T** Örnek:7.Y00235-**T**

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına **T** eklenir



Stok Kodu(PN)	7.Y00235	7.Y00237
Model(Model)	SVA-G18	SVA-G14
A(mm)	G1/8	G1/4
B(mm)	G1/8	G1/8
C(mm)	15	15
D(mm)	24	24
E(mm)	12	10
PEP2518	√	√
PEP2525	√	√
PEP5025	√	√
PEP4040	√	√
Aksesuar Seçimi Accessorier selection		
Vidalar(Screws)	PTC-M5L16*2	PTC-M5L16*2
Kilitli Pul(Single hole shim)	PTS-M5*2	PTS-M5*2
T Somunlar(T-Nuts)	PTN-M5P30*1	PTN-M5P30*1
Ağırlık(Weight)	42g	40g

Profile

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

Air Nipper
Havali Kesiciler

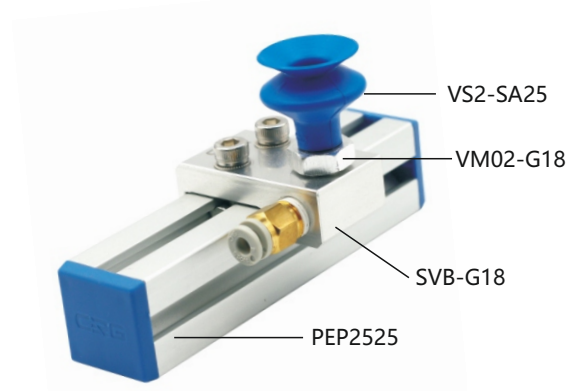
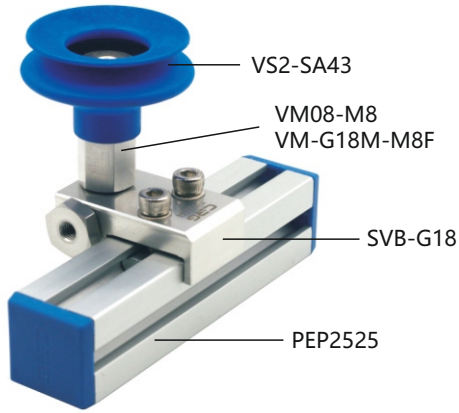
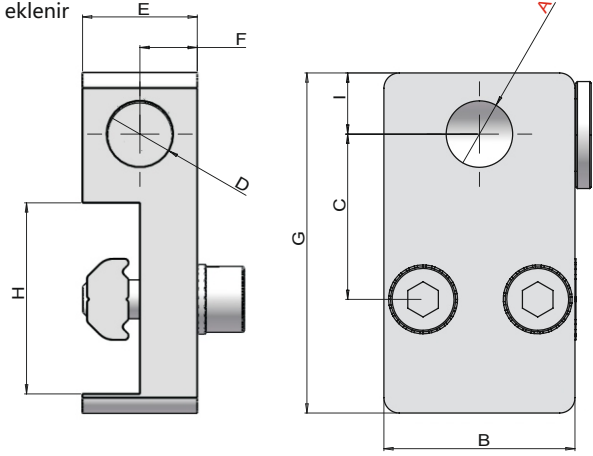
Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Vantuz Montaj Braketi Direct Connector For Vacuum Cup (Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SVB-M5 **T** Örnek:7.Y00242-**T**

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına **T** eklenir



Stok Kodu(PN)	7.Y00242	7.Y00244	7.Y00243
Model(Model)	SVB-M5	SVB-G18	SVB-G14
A(mm)	M5	G1/8	G1/4
B(mm)	16	25	25
C(mm)	13.5	21.5	21.5
D(mm)	M5	G1/8	G1/8
E(mm)	8	15	15
F(mm)	4	7.5	7.5
G(mm)	29	44.5	46.5
H(mm)	18	25	25
I (mm)	4.3	8	10
PEP 2518	-	√	√
PEP2525	-	√	√
PEP5025	-	√	√
Aksesuar Seçimi Accessorier selection			
Vidalar(Screws)	PTC-M4L12*2	PTC-M5L16*2	PTC-M5L16*2
Kilitli Pul(Single hole shim)	PTS-M4*2	PTS-M5*2	PTS-M5*2
T Somunlar(T-Nuts)	PTN-M4P8*1	PTN-M5P15*1	PTN-M5P15*1
Ağırlık(Weight)	15g	45g	45g

Profile, SUS Tube

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

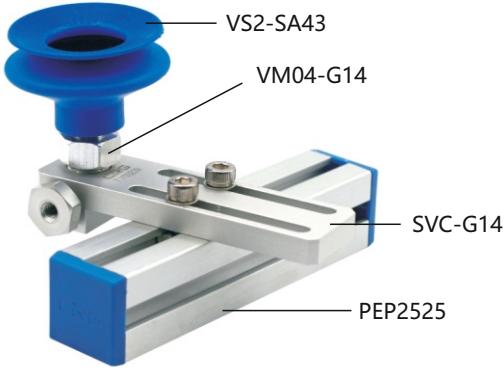
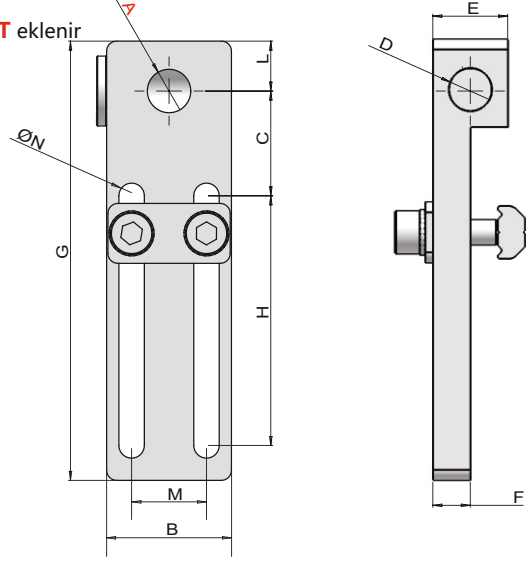
Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Vantuz Montaj Braketi Uzun Mounting Bracket For Vacuum Cup (Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SVC-M5 **T** Örnek:7.Y00328-**T**

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına **T** eklenir



Stok Kodu(PN)	7.Y00328	7.Y00238	7.Y00239
Model(Model)	SVC-M5	SVC-G18	SVC-G14
A(mm)	M5	G1/8	G1/4
B(mm)	16	25	25
C(mm)	14	21	21
D(mm)	M5	G1/8	G1/8
E(mm)	8	15	15
F(mm)	4	7.5	7.5
G(mm)	65	88	88
H(mm)	40	50	50
L(mm)	6	10	10
M(mm)	8	15	15
N(mm)	Ø4.2	Ø5.2	Ø5.2
PEP2518	✓	✓	✓
PEP2525	✓	✓	✓
PEP5025	✓	✓	✓
PEP4040	-	✓	✓

Aksesuar Seçimi Accessorier selection

Vidalar (Screws)	PTC-M4L12*2	PTC-M5L16*2	PTC-M5L16*2
Kilitli Pul(Single hole shim)	PTS-M4*2	PTS-M5*2	PTS-M5*2
T Somunlar(T-Nuts)	PTN-M4P8*1	PTN-M5P15*1	PTN-M5P15*1
Çift Delikli Pul(Double holes shim)	PTD-M4P8*1	PTD-M5P15*1	PTD-M5P15*1
Ağırlık(Weight)	20g	60g	60g

Profile

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

Air Nipper
Havalı Kesiciler

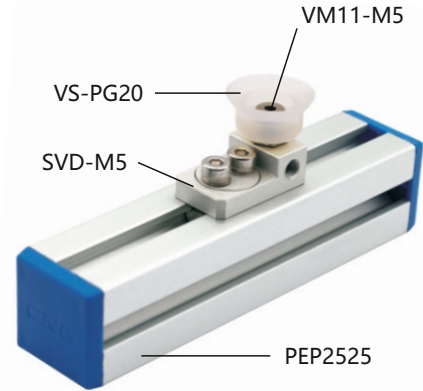
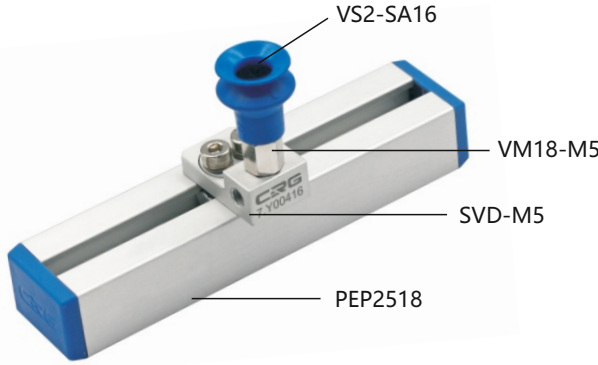
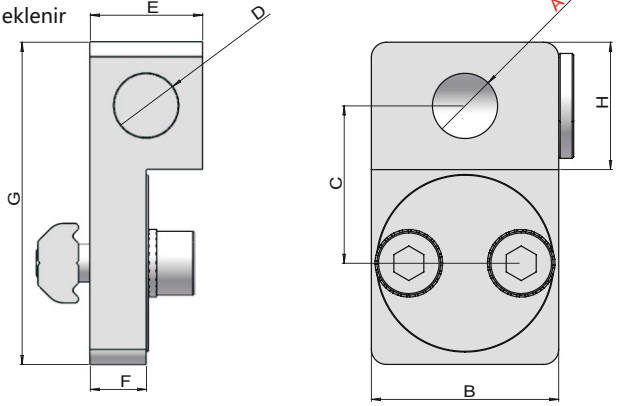
Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Vantuz Montaj Braketi Açısı Ayarlanır Mounting Bracket For Vacuum Cup (Vida Opsiyonlu) (Kit With Screws Option)

Örnek: SVD-M5 **T** Örnek:7.Y00416-**T**

Not: Vida Takımı gerekiyorsa, ürün numarası ve model numarasına **T** eklenir



Stok Kodu(PN)	7.Y00416	7.Y00417	7.Y00418
Model(Model)	SVD-M5	SVD-G18	SVD-G14
A(mm)	M5	G1/8	G1/4
B(mm)	16	25	25
C(mm)	13	21	21
D(mm)	M5	G1/8	G1/8
E(mm)	10	15	15
F(mm)	5.3	7.8	7.8
G(mm)	28	43	43
H(mm)	10	17	17
PEP 2518	√	√	√
PEP2525	√	√	√
PEP5025	√	√	√
PEP4040	-	√	√
Aksesuar Seçimi Accessorier selection			
Vidalar(Screws)	PTC-M4L12*2	PTC-M5L16*2	PTC-M5L16*2
Kilitli Pul(Single hole shim)	PTS-M4*2	PTS-M5*2	PTS-M5*2
T Somunlar(T-Nuts)	PTN-M4P8*1	PTN-M5P15*1	PTN-M5P15*1
Ağırlık(Weight)	15g	45g	42g

Profile, SUS Tube

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

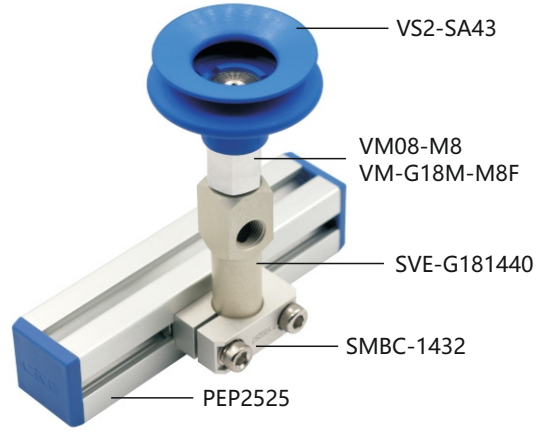
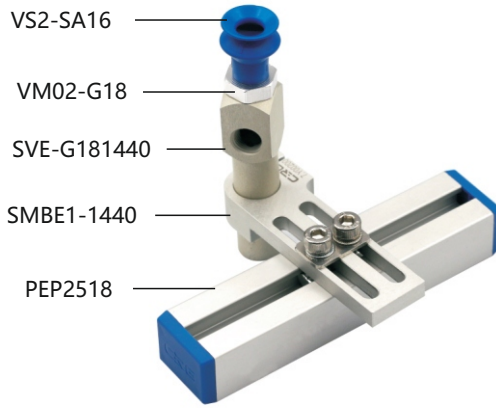
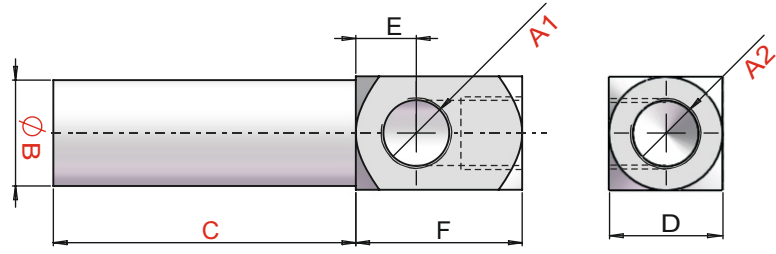
Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Vantuz Uzatma Aparatı Leg For Vacuum Cup

Uygulama Örneği / Application example



Stok K.(PN)	Model(Model)	A1(mm)	A2(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	Ağırlık(Weight)
7.Y00410	SVE-M51030	M5	M5	Ø10	30	11	6	16	10g
7.Y00411	SVE-M51060	M5	M5	Ø10	60	11	6	16	13g
7.Y00412	SVE-M51090	M5	M5	Ø10	90	11	6	16	17g
7.Y00772	SVE-M51230	M5	M5	Ø12	30	13	7	17	12g
7.Y00773	SVE-M51260	M5	M5	Ø12	60	13	7	17	15g
7.Y00774	SVE-M51290	M5	M5	Ø12	90	13	7	17	19g
7.Y00413	SVE-G181440	G1/8	G1/8	Ø14	40	15	8	22	17g
7.Y00414	SVE-G181480	G1/8	G1/8	Ø14	80	15	8	22	25g
7.Y00415	SVE-G1814120	G1/8	G1/8	Ø14	120	15	8	22	32g
7.Y00008	SVE-G142050	G1/8	G1/4	Ø20	50	20	8	23	40g
7.Y00009	SVE-G1420100	G1/8	G1/4	Ø20	100	20	8	23	60g
7.Y00010	SVE-G1420150	G1/8	G1/4	Ø20	150	20	8	23	75g

Profile
Profilier

Stents Module
Bağlantı Modülleri

Quick
Hızlı Değişiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Uzatma Aparatı Clamp Leg

Uygulama Örneği / Application example

Profile, SUS Tube
Profilier

Stents Module
Bağlantı Modülleri

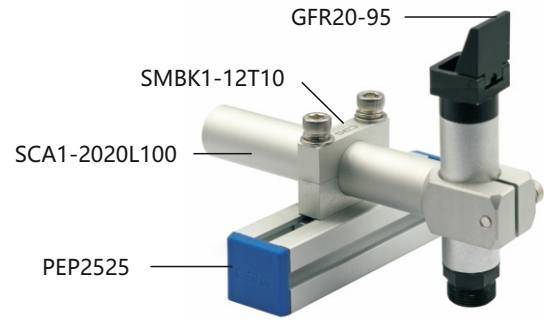
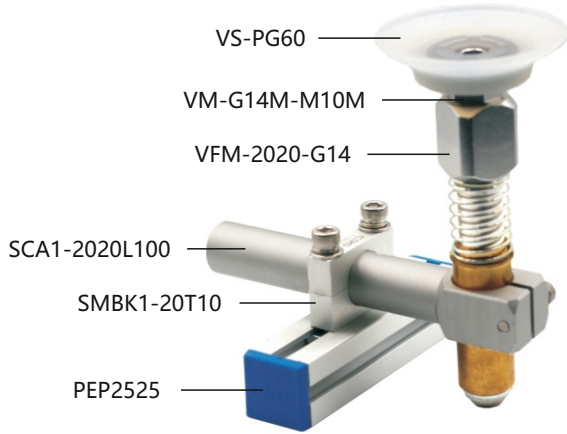
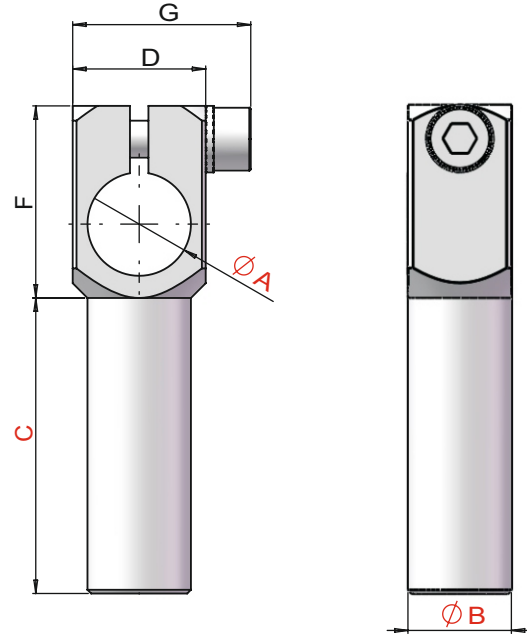
Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

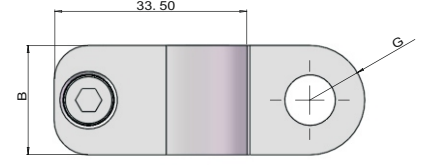
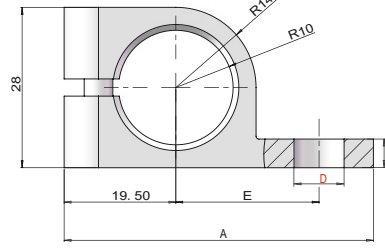
Accessory Components
Aksesuar Komponentleri



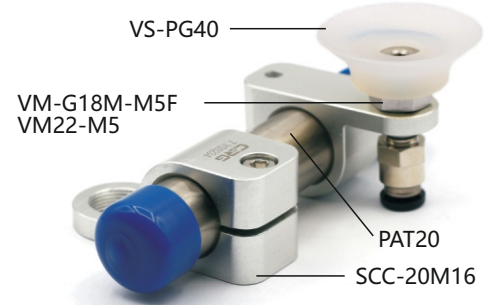
Stok Kodu(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)	F(mm)	G(mm)	Ağırlık(Weight)
7.Y00398	SCA1-1010L30	Ø10	Ø10	30	14	19	19	10g
7.Y00399	SCA1-1010L60	Ø10	Ø10	60	14	19	19	15g
7.Y00400	SCA1-1010L90	Ø10	Ø10	90	14	19	19	20g
7.Y00769	SCA1-1212L30	Ø12	Ø12	30	19	21	21	13g
7.Y00770	SCA1-1212L60	Ø12	Ø12	60	19	21	21	18g
7.Y00771	SCA1-1212L90	Ø12	Ø12	90	19	21	21	23g
7.Y00401	SCA1-1414L40	Ø14	Ø14	40	18	26	24	20g
7.Y00402	SCA1-1414L80	Ø14	Ø14	80	18	26	24	30g
7.Y00403	SCA1-1414L120	Ø14	Ø14	120	18	26	24	40g
7.Y00404	SCA1-2020L50	Ø20	Ø20	50	25	32	32	45g
7.Y00405	SCA1-2020L100	Ø20	Ø20	100	25	32	32	70g
7.Y00406	SCA1-2020L150	Ø20	Ø20	150	25	32	32	105g
7.Y00407	SCA1-3030L80	Ø30	Ø30	80	40	44	46	170g
7.Y00408	SCA1-3030L140	Ø30	Ø30	140	40	44	46	230g
7.Y00409	SCA1-3030L200	Ø30	Ø30	200	40	44	46	300g

Ayarlanabilir Destek Swivelling Support

Uygulama Örneği / Application example

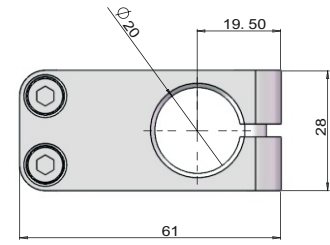
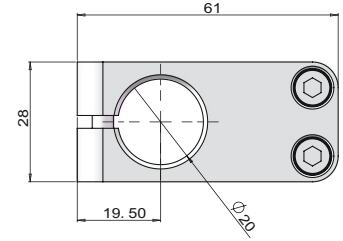
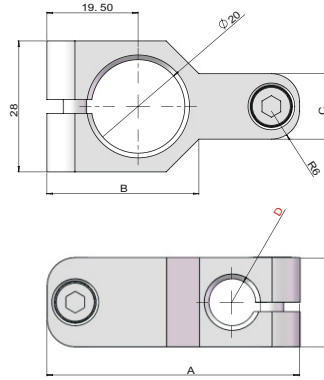


Stok Kodu(PN)	7.Y00236	7.Y00234
Model(Spec)	SCC-20G18	SCC-20M16
A(mm)	53.5	60.5
B(mm)	19	24
C(mm)	5	6
D(mm)	G1/8	M16×1
E(mm)	25	29
G(mm)	R9.5	R12
重量(Weight)	30g	40g



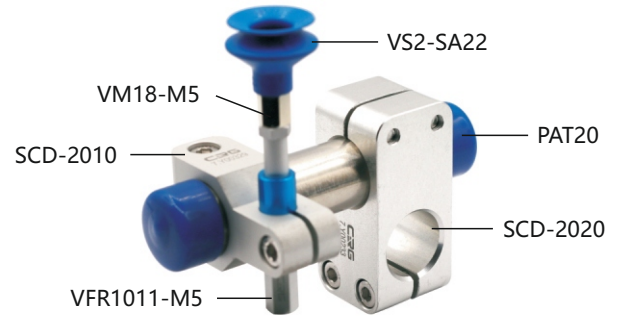
Çapraz Bağlantı Bloğu Cross Connection Block

Uygulama Örneği/ Application example



SCD-2020

Stok Kodu(PN)	7.Y00329	7.Y00330	7.Y00233
Model(Model)	SCD-2010	SCD-2014	SCD-2020
A(mm)	54	56	
B(mm)	32.5	30.5	
C(mm)	14	18	
D(mm)	Ø10	Ø14	
E(mm)	19	22	
Ağırlık(Weight)	40g	45g	70g



NR Kesici Montaj Braketi NR Nipper Mounting Bracket

Profile, SUS Tube
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

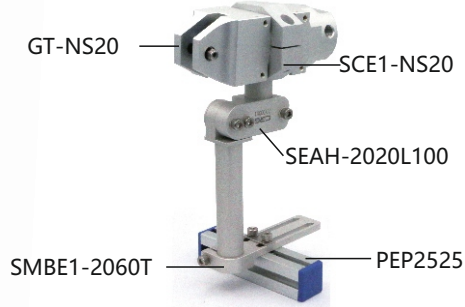
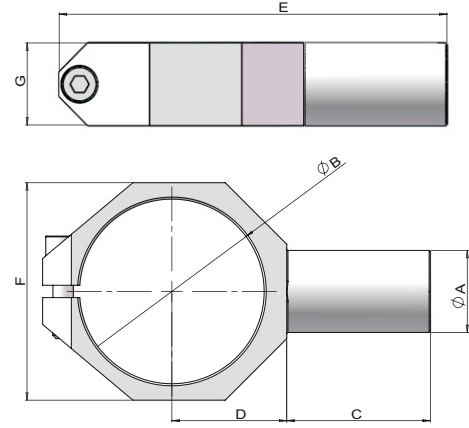
Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

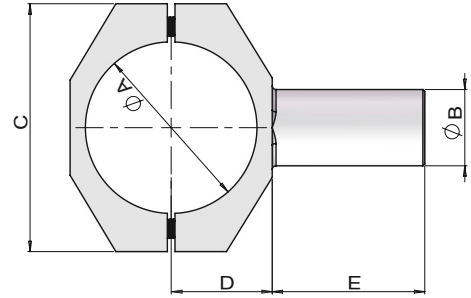
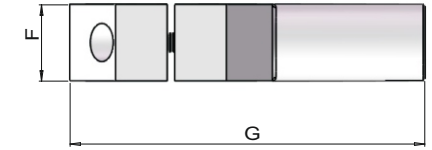
Accessory Components
Aksesuar Komponentleri



Stok Kodu(PN)	7.Y00331	7.Y00261	7.Y00742
Model (Model)	SCE-NR20	SCE-NR30	SCE-NR50
A(mm)	Ø20	Ø20	Ø30
B(mm)	Ø45	Ø56	Ø75
C(mm)	35	40	48
D(mm)	28	33	41
E(mm)	94.5	111	138
F(mm)	53	65	83
G(mm)	20	25	40
Ağırlık(Weight)	65g	110g	308g



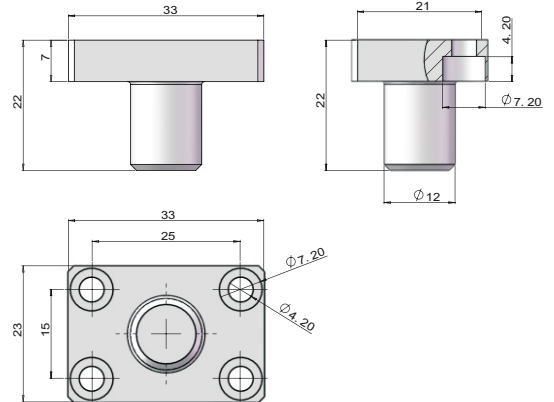
Stok Kodu(PN)	7.Y00692	7.Y00693
Model(Model)	SCE1-NS20	SCE1-NS30
A(mm)	Ø45	Ø56
B(mm)	Ø20	Ø20
C(mm)	65	76
D(mm)	28	33
E(mm)	40	40
F(mm)	20	20
G(mm)	94	106
Ağırlık(Weight)	111g	123g



Ny05 Sabitleme Bloğu NY05 Fixing Block

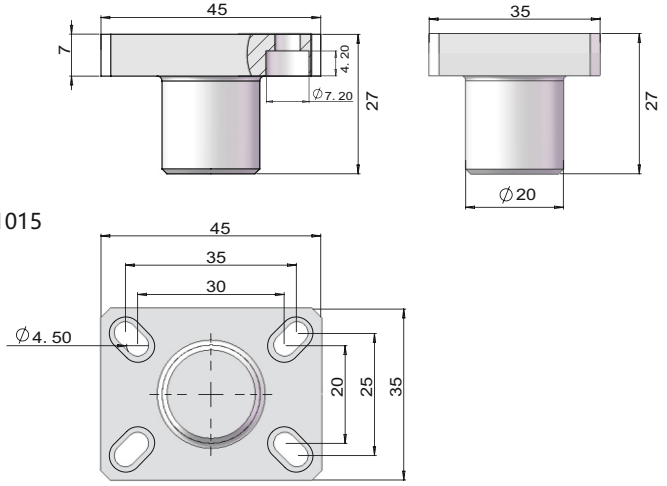
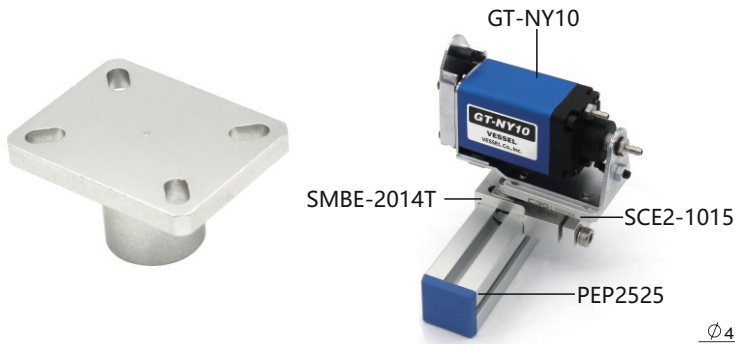


Stok K.(PN)	Model(Model)	Ağırlık(Weight)
7.Y00796	SCE2-05	17g



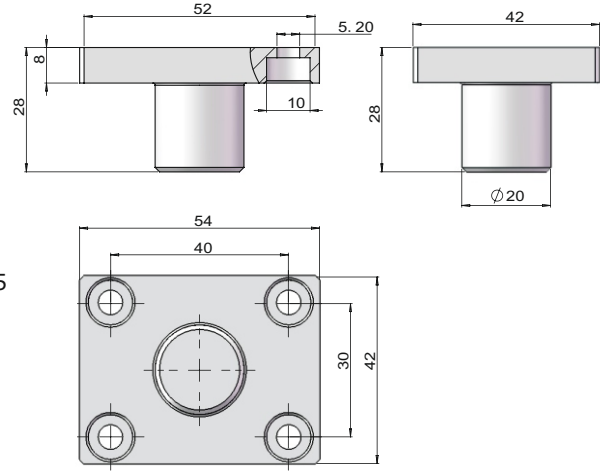
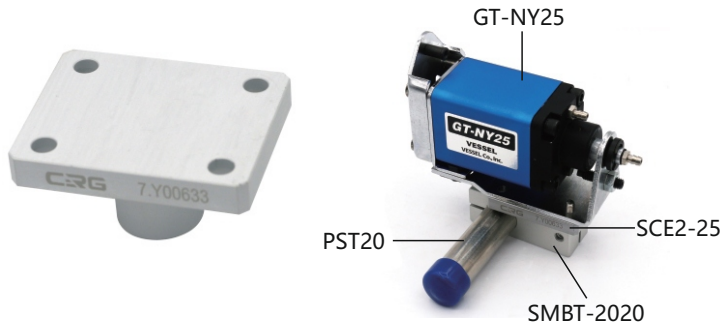
NY10.NY15 Sabitleme Bloğu

NY10.NY15 Fixing Block



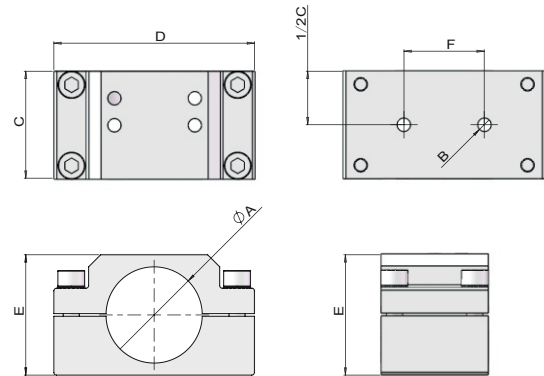
Stok K.(PN)	Model(Model)	Ağırlık(Weight)
1. Y00094	SCE2-1015	38g

NY 25 Sabitleme Bloğu NY25Fixing Block

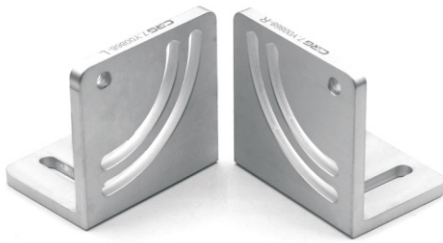


Stok K.(PN)	Model(Model)	Ağırlık(Weight)
7. Y00633	SCE2-25	61g

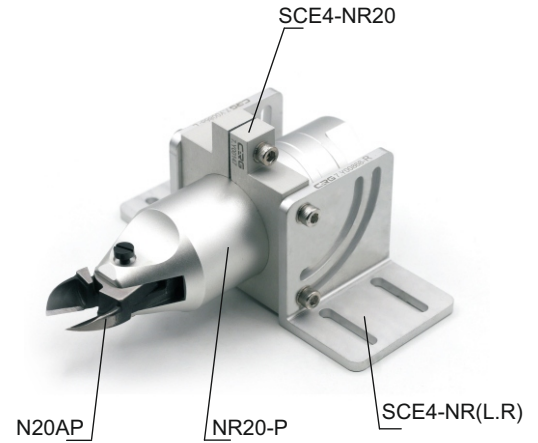
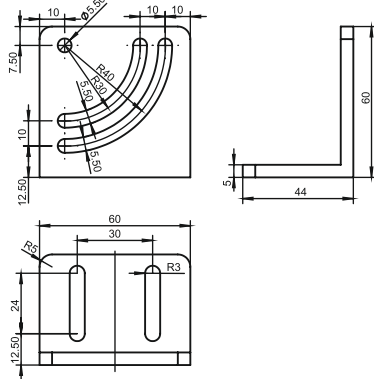
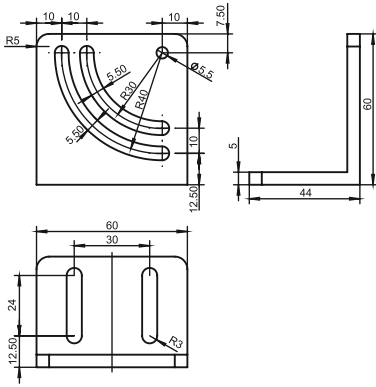
Kesici Braketi Nipper Bracket



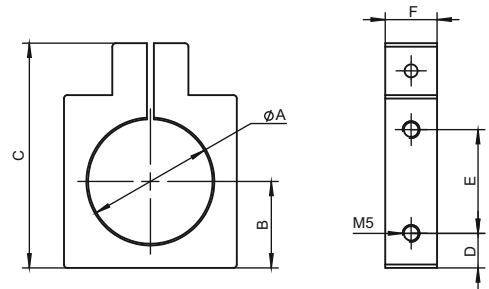
Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	Ağırlık(Weight)
7.Y00075	SCE3-N10	Ø36	M6	40	75	45	30	246g
7.Y00076	SCE3-N20	Ø45	M6	40	75	53	30	228g
7.Y00077	SCE3-N30	Ø56	M6	40	86	63	30	267g



Stok K.(PN)	7.Y00868
Model(Model)	SCE4-NR(L.R)



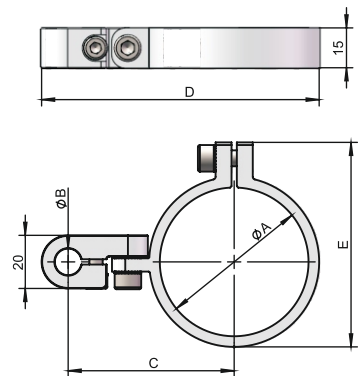
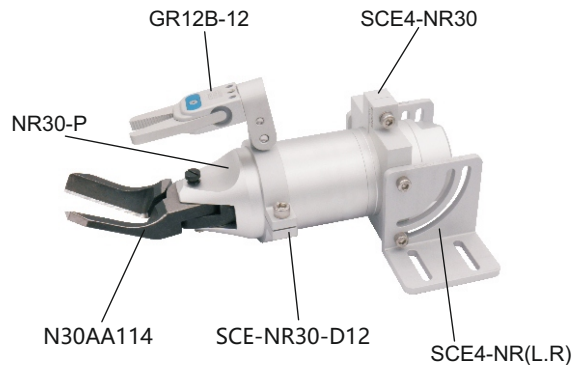
Kesici Sabitleme Gas cut fixation



Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	重量(Weight)
7.Y00146	SCE4-NR30	56	35	85	10	40	15	111g
7.Y00147	SCE4-NR20	45	30	75	10	40	15	93g
7.Y00148	SCE4-NR10	36	25	65	10	30	15	72g

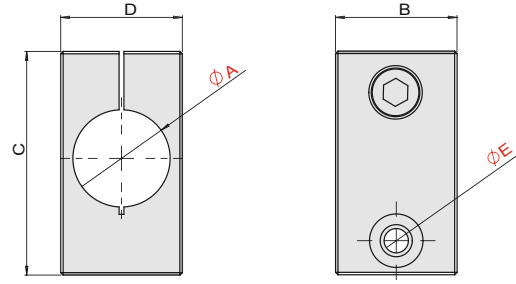
Ayarlanabilir Kesiciye Tutucu Montaj Braketi Adjustable Nipper Mounting Clamps

NEW

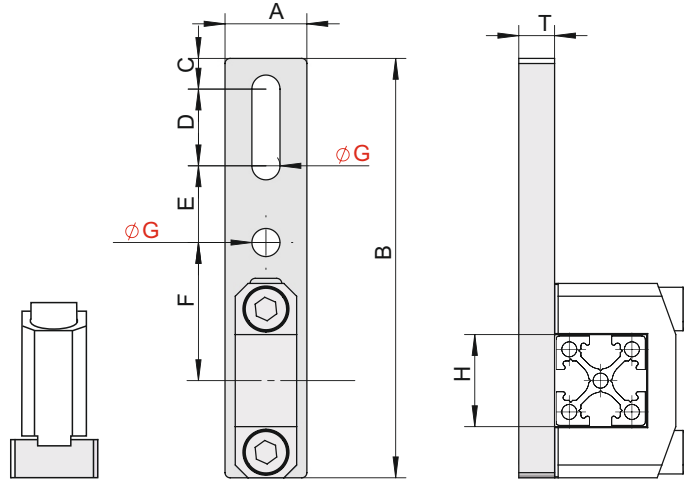


Stok Kodu(PN)	Model(Model)	A	B	C	D	E	Ağırlık(Weight)
7.Y00946	SCE-NR20-D10	Ø45	Ø10	56.5	93	62	57.5
7.Y00947	SCE-NR20-D12	Ø45	Ø12	56.5	93	62	55.5
7.Y00948	SCE-NR30-D10	Ø56	Ø10	62.5	104.5	77	67.5
7.Y00949	SCE-NR30-D12	Ø56	Ø12	62.5	104.5	77	65.5

Sabitleme Braketi Access Robot Bracket

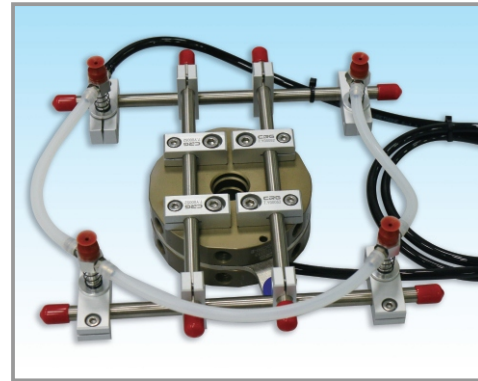
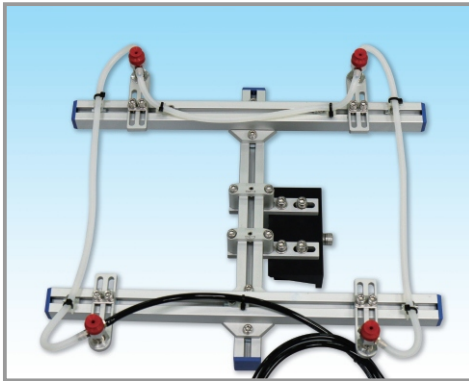


Stok Kodu(PN)	Model (Model)	A	B	C	D	E	Ağırlık (Weight)
7.Y00051	SMBH1-8M5	Ø8	14	35	12	Ø5.5	15g
7.Y00052	SMBH1-8M6	Ø8	14	35	12	Ø6.5	12g
7.Y00053	SMBH1-12M5	Ø12	20	39	16	Ø5.5	30g
7.Y00002	SMBH1-12M6	Ø12	20	39	16	Ø6.5	25g
7.Y00054	SMBH1-12M8	Ø12	20	45	25	Ø9	42g
7.Y00055	SMBH1-20M6	Ø20	20	50	25	Ø6.5	48g
7.Y00056	SMBH1-20M8	Ø20	20	50	25	Ø9	51g



Stok K.(PN)	Model(Model)	A	B	C	D	E	F	G	H	T	Ağırlık(Weight)
7.Y00869	SMBE7-18M5	16	82	6	15	15	27	Ø5.5	18	7	20.5g
7.Y00870	SMBE7-18M6	16	82	6	15	15	27	Ø6.5	18	7	20g
7.Y00871	SMBE7-25M5	16	90	7	15	15	30.5	Ø5.5	25	7	22.5g
7.Y00872	SMBE7-25M6	16	90	7	15	15	30.5	Ø6.5	25	7	22g

Uygulama Örneği / Application example



Kayar Braket Slide Bracket

Profile, SUS Tube
Profilier

Stents Module
Bağlantı Modülleri

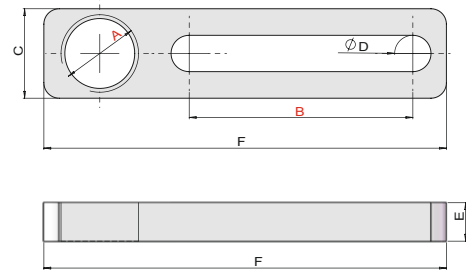
Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

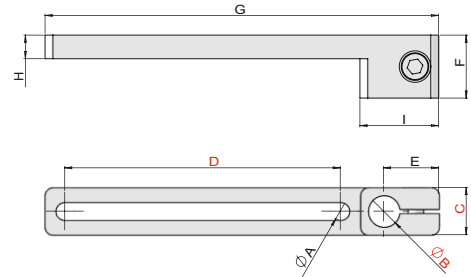
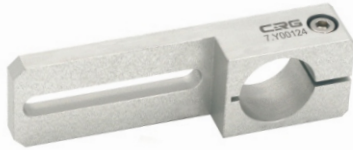
Air Nipper
Havai Kesiciler

Vacuum Module
Vakum Modülleri

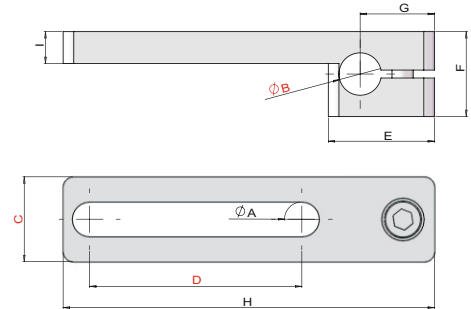
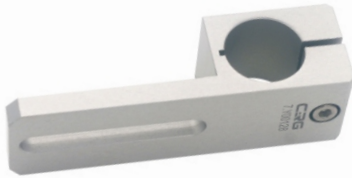
Accessory Components
Aksesuar Komponentleri



Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	Ağırlık(Weight)
7.Y00119	SCF3-40M10	M10*1	40	16	6.5	5	70	10g
7.Y00120	SCF3-40M12	M12*1	40	16	6.5	5	72	10g
7.Y00121	SCF3-40M17	M17*1	40	25	6.5	5	80	20g
7.Y00133	SCF3-70M10	M10*1	70	16	6.5	5	100	14g
7.Y00134	SCF3-70M12	M12*1	70	16	6.5	5	102	14g
7.Y00135	SCF3-70M17	M17*1	70	25	6.5	5	110	28g



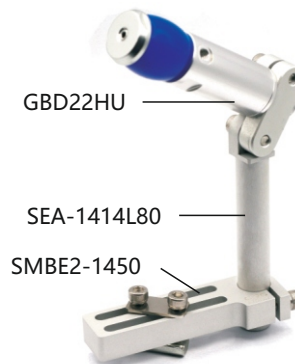
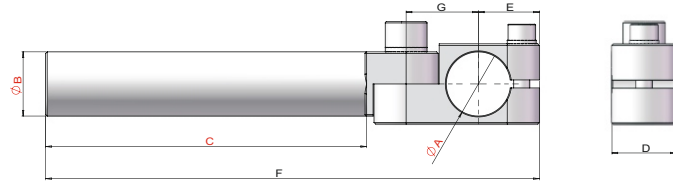
Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	G	H	I	Ağırlık(Weight)
7.Y00122	SCF4-0840W12	4.5	Ø8	12	40	14	16	70	6	20	14g
7.Y00123	SCF4-0840W16	6.5	Ø8	16	40	14	16	70	6	20	20g
7.Y00004	SCF4-1240W16	6.5	Ø12	16	40	16	16	75	6	25	21g
7.Y00124	SCF4-2040W25	6.5	Ø20	25	40	20	16	86	6	34	39g
7.Y00136	SCF4-0870W12	4.5	Ø8	12	70	14	16	100	6	20	18g
7.Y00137	SCF4-0870W16	6.5	Ø8	16	70	14	16	100	6	20	25g
7.Y00138	SCF4-1270W16	6.5	Ø12	16	70	16	16	105	6	25	25g
7.Y00139	SCF4-2070W25	6.5	Ø20	25	70	20	16	116	6	34	49g



Stok Kodu(PN)	Model(Model)	A	B	C	D	E	F	G	H	I	Ağırlık(Weight)
7.Y00125	SCF5-0840W16	6.5	Ø8	16	40	20	16	14	70	6	20g
7.Y00126	SCF5-0840W12	4.5	Ø8	12	40	20	16	14	70	6	15g
7.Y00127	SCF5-1240W16	6.5	Ø12	16	40	25	16	16	75	6	20g
7.Y00128	SCF5-2040W25	6.5	Ø20	25	40	34	25	20	86	6	53g
7.Y00140	SCF5-0870W16	6.5	Ø8	16	70	20	16	14	100	6	25g
7.Y00141	SCF5-0870W12	4.5	Ø8	12	70	20	16	14	100	6	19g
7.Y00142	SCF5-1270W16	6.5	Ø12	16	70	25	16	16	105	6	25g
7.Y00143	SCF5-2070W25	6.5	Ø20	25	70	34	25	20	116	6	48g

Uzatma Aparatı Açısı Ayarlanabilir Elbow Arm

Uygulama Örneği / Application example



Stok K.(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	Ağırlık(Weight)
7.Y00388	SEA-1010L60	Ø10	Ø10	60	10	13	93	12.5	20g
7.Y00776	SEA-1212L60	Ø12	Ø12	60	12	15	98	14.5	22g
7.Y00389	SEA-1414L40	Ø14	Ø14	40	14	16	82	16.5	32g
7.Y00390	SEA-1414L80	Ø14	Ø14	80	14	16	122	16.5	42g
7.Y00391	SEA-1414L120	Ø14	Ø14	120	14	16	162	16.5	50g
7.Y00392	SEA-2020L50	Ø20	Ø20	50	20	19	104	22.5	70g
7.Y00393	SEA-2020L100	Ø20	Ø20	100	20	19	154	22.5	90g
7.Y00394	SEA-2020L150	Ø20	Ø20	150	20	19	204	22.5	120g
7.Y00395	SEA-3030L80	Ø30	Ø30	80	30	27	160	34.8	235g
7.Y00396	SEA-3030L140	Ø30	Ø30	140	30	27	220	34.8	300g
7.Y00397	SEA-3030L200	Ø30	Ø30	200	30	27	280	34.8	360g

Profile
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

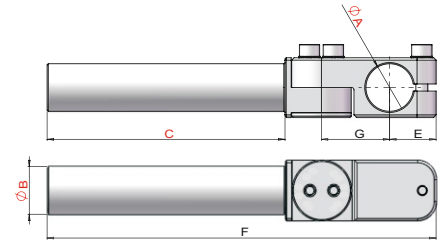
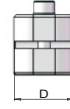
Air Nipper
Hava Kesiiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Zor Şartlar Açılı Uzatma Aparatı Heavy Duty Elbow Arm

Uygulama Örneği / Application example



VFE2026-G18

SEAH-2020L50

SMBE1-2060

GFR20-95

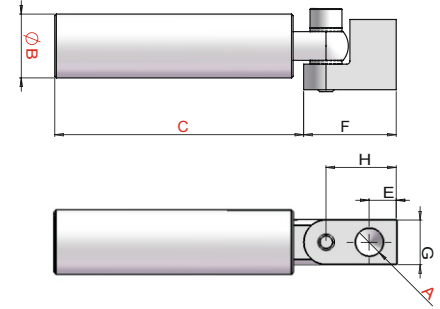
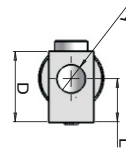
SEAH-2020L50

SMBE1-2060

Stok Kodu(PN)	7.Y00350	7.Y00351	7.Y00166	7.Y00352	7.Y00353	7.Y00354
Model(Model)	SEAH-2020L50	SEAH-2020L100	SEAH-2020L150	SEAH-3030L80	SEAH-3030L140	SEAH-3030L200
A(mm)	Ø20	Ø20	Ø20	Ø30	Ø30	Ø30
B(mm)	Ø20	Ø20	Ø20	Ø30	Ø30	Ø30
C(mm)	50	100	150	80	140	200
D(mm)	25	25	25	35	35	35
E(mm)	19.5	19.5	19.5	27.3	27.3	27.3
F(mm)	113.5	163.5	213.5	168.5	228.5	288.5
G(mm)	28.7	28.7	28.7	40.7	40.7	40.7
Ağırlık(Weight)	95g	115g	130g	330g	380g	435g

Vantuz İçin Açılı Uzatma Aparatı Elbow Arm For Vacuum Cup

Uygulama Örneği / Application example



VS2-SA43

VM04-G14

SEAV-G1420L75

SMBE4-2012

PEP2525

VS2-SA43

VM04-G14

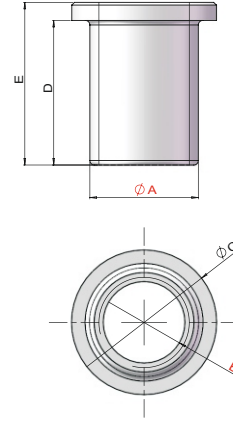
SEAV-G1420L75

SMBE2-2060

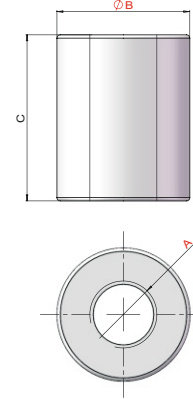
PEP2518

Stok K(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	L(mm)	Ağırlık(Weight)
7.Y00432	SEAV-M510L45	M5	Ø10	45	16.5	5.5	19	10	22	11	18g
7.Y00433	SEAV-M510L90	M5	Ø10	90	16.5	5.5	19	10	22	11	27g
7.Y00258	SEAV-G1814L60	G1/8	Ø14	60	22	8.5	29	14	22	13.5	33g
7.Y00434	SEAV-G1814L120	G1/8	Ø14	120	22	8.5	29	14	22	13.5	50g
7.Y00435	SEAV-G1820L78	G1/8	Ø20	78	22	8.5	29	14	22	13.5	60g
7.Y00247	SEAV-G1820L153	G1/8	Ø20	153	22	8.5	29	14	22	13.5	100g
7.Y00436	SEAV-G1420L75	G1/4	Ø20	75	27	12	38	20	28	15	75g
7.Y00437	SEAV-G1420L150	G1/4	Ø20	150	27	12	38	20	28	15	115g

Dönüştürücü Somun Bush Nut

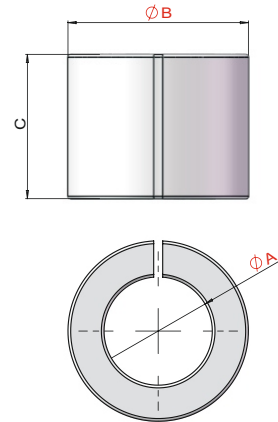


Stok Kodu(PN)	Model(Model)	A	B	C	D	E	Ağırlık(Weight)
7.Y00271	SBNA-8M5	Ø8	M5x0.8	Ø12	8	10	1g
7.Y00272	SBNA-8M6	Ø8	M6x1.0	Ø12	8	10	1g
7.Y00273	SBNA-12M5	Ø12	M5x0.8	Ø16	16	18	5g
7.Y00274	SBNA-12M10	Ø12	M10x1.0	Ø16	16	18	3g
7.Y00276	SBNA-20M12	Ø20	M12x1.0	Ø24	16	18	11g
7.Y00277	SBNA-20M17	Ø20	M17x1.0	Ø24	16	18	5g



Stok Kodu(PN)	Model(Model)	A	B	C	Ağırlık(Weight)
7.Y00275	SBNB-12PT18	PT1/8	Ø12	16	2g
7.Y00278	SBNB-20PT18	PT1/8	Ø20	25	17g

Dönüştürücü Bush



Stok Kodu(PN)	Model(Model)	A	B	C	Ağırlık(Weight)
7.Y00280	SBND-1208	Ø8	Ø12	16	6g
7.Y00281	SBND-2012	Ø12	Ø20	16	9g
7.Y00282	SBND-2008	Ø8	Ø20	16	11g

Profile
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

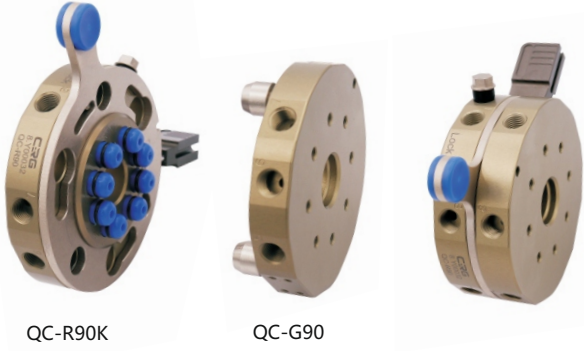
Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Hızlı Değiştirici Quick Changer

Ürün Resimleri / Product image



QC-R90K

QC-G90

- Robot Kollarının Değiştirilmesinde Kolaylık Sağlar
- Vakum Portlarına Uygundur
- Pnömatik ve Elektriksel Bağlantılardaki Hataları Önler
- 4, 8, 10 veya 12 pnömatik bağlantı
- Toplam İki Parçadır. (Robot Tarafı ve Tutucu Tarafı) Ayrı olarak satılır.
- Easy replacement of the EOAT on the robot.
- Suitable also with vacuum ports.
- Avoids mistakes in pneumatic and electrical connections.
- 4, 8, 10 or 12 pneumatic connections.
- The two parts (robot side and gripper side) are supplied separately.

Model(Model)	QC50	QC90	QC150	QC160	QC200
Akışan Medium	Filtrelenmiş Kuru Basıncılı Hava Filtered compressed air				
Çalışma Basıncı Pressure range	5~6 bar				
Çalışma Sıcaklığı Temperature range	5 ~ 60 °C				
Robot Tarafı Hızlı Değiştirici Robot side quick changer	QC-R50 QC-R50K	QC-R90 QC-R90K	QC-R150K	QC-R160K	QC-R200K
Robot Tarafı Hızlı Değiştirici Ağırlığı Robot side quick changer weight	103 g	318 g	1159 g	1200 g	2640 g
Tutucu Tarafı Hızlı Kalıp Değiştirici Gripper side quick changer	QC-G50	QC-G90	QC-G150	QC-G160	QC-G200
Tutucu Tarafı Hızlı Kalıp Değiştirici Ağırlığı Gripper side quick changer weight	65 g	227 g	837g	900 g	1890 g
F	150N	400N	1000N	1000N	2000N
Mt	20Nm	100Nm	250Nm	250Nm	600Nm
Mb	10Nm	60Nm	150Nm	150Nm	300Nm
Yüklenebilecek Ağırlık Recommended payload	5kg	15kg	35kg	35kg	75kg
Renk Colour	古铜色 Brass	古铜色 Brass	黑色 Black	古铜色 Brass	黑色 Black

Kurulum ve Uygulama Örneği,
Installation and use example



Kilitleme Örneği
Example of Install with lock



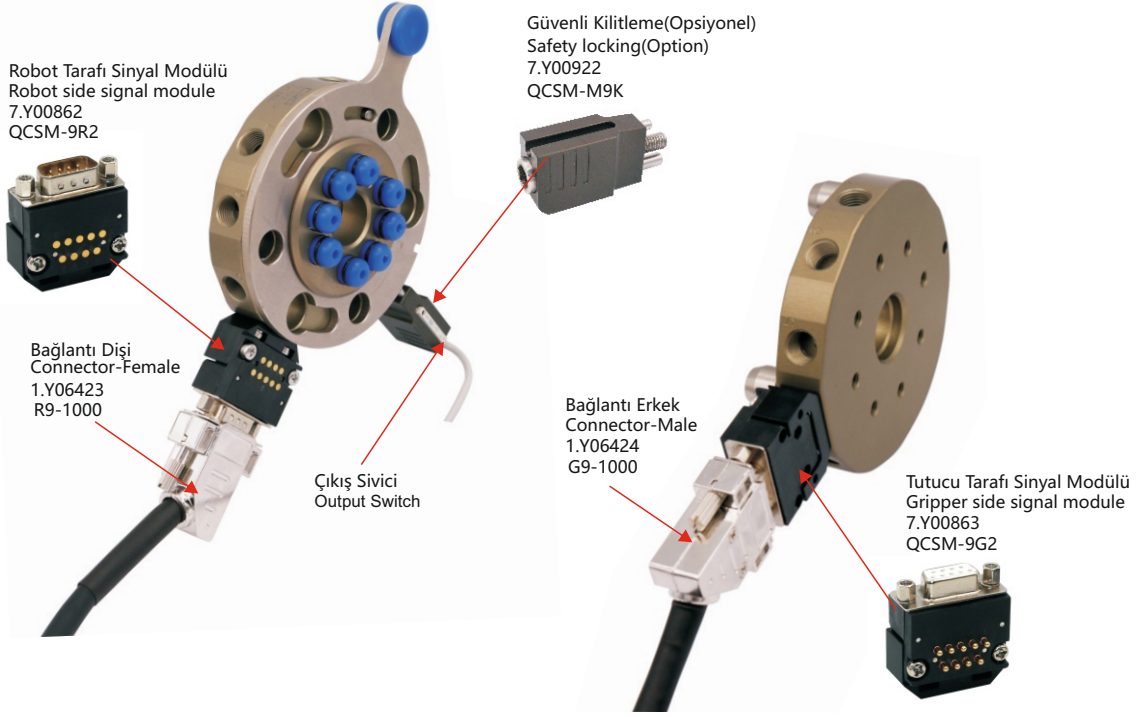
Aksesuarlar Accessories

Elektriksel Bağlantı Modülü

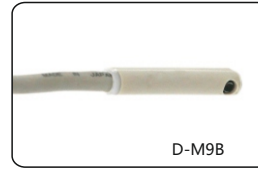
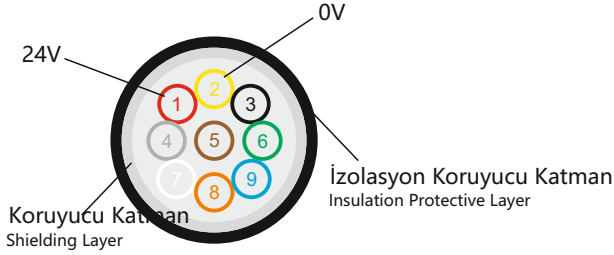
- I/O sinyalleri hızlı değiştiricide D-SUB 9 pin ile bağlanır
- İki Parça Ayrı Ayrı Bağlanır
- QCSM-9R2 Robot Tarafı Bağlantı Modülü
- QCSM-9G2 Tutucu Tarafı Bağlantı Modülü
- DB9F-45 45derece metal dişi bağlantı
- DB9M-45 45derece metal erkek bağlantı

Electrical connection module

- I/O quick change by D-SUB 9 pins connector.
- The two parts are supplied separately:
- QCSM-9R2 robot side signal module .
- QCSM-9G2 gripper side signal module .
- DB9F-45 45 degree metal female fitting
- DB9M-45 45 degree metal male fitting



Sinyal Kabloları Bağlantı Şeması Signal Wire Cross-sectional Sketch Map



Sensör seçimi için lütfen sayfa P137'ye bakın

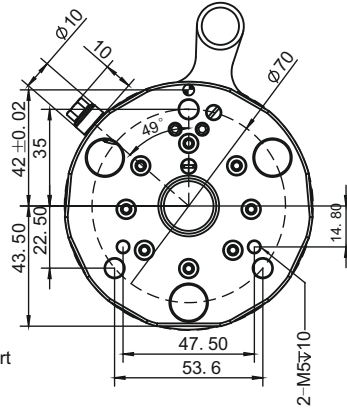
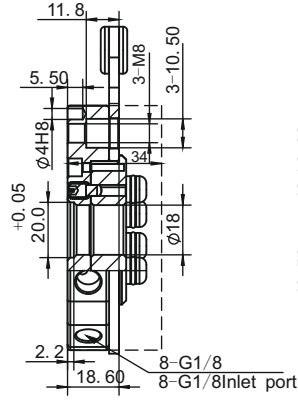
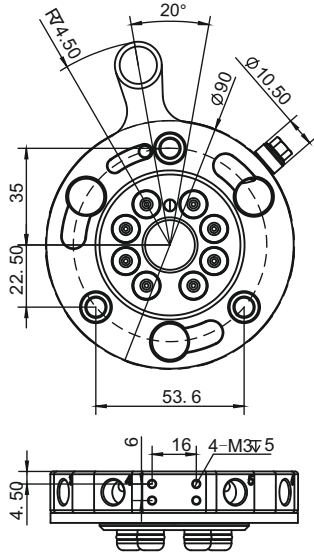
ModelQCSM (Model)	9R1	9G1	9R2	9G2	9R3	9G3	9R4	9G4
Stok Kodu (PN)	7.Y00823	7.Y00824	7.Y00862	7.Y00863	7.Y00819	7.Y00820	7.Y00821	7.Y00822
I/O Bağlantı Tipi I/O connection type	D-SUB 9 Pinli Bağlantı 9 pins D-SUB							
Çalışma Akımı Working Current	MAX 3 A							
Erkek Kablo (G9-1000) Wire-Male		✓		✓		✓		✓
Dişi Kablo (R9-1000) Wire-Female	✓		✓		✓		✓	
Uygulanabilir Ürünler Applicable Products	QC50		QC90	QC160	QC150		QC200	

* Kablo Uzunluğu 1 Metredir * The wire's length is 1 meters

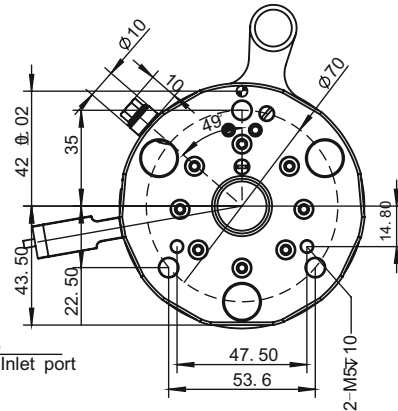
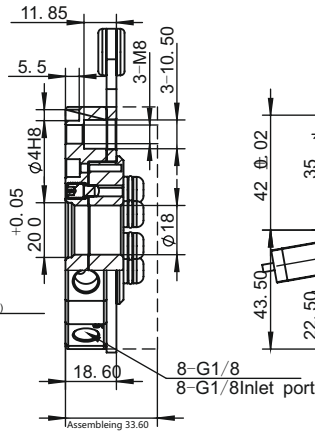
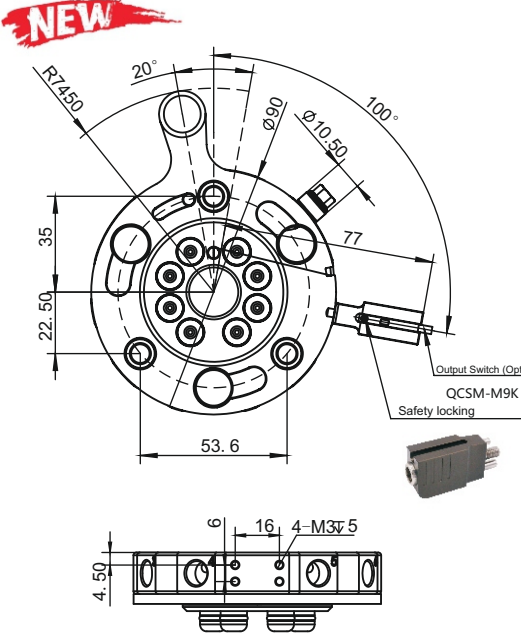
Accessory Components

Hızlı Değiştirici Quick Changer

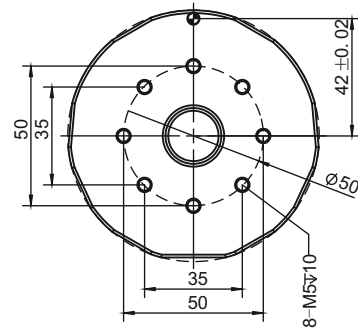
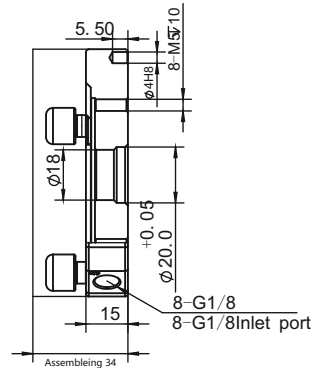
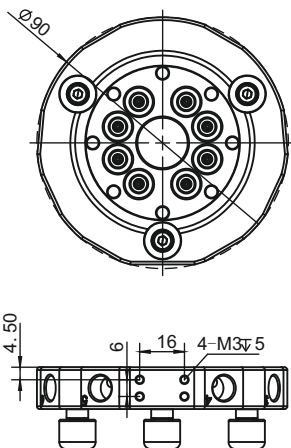
Ölçü Açıklamaları / Dimension description



Stok K.(PN)	8.Y00032
Model(Mode)	QC-R90



Stok K.(PN)	8.Y00359
Model(Mode)	QC-R90K



Stok K.(PN)	8.Y00033
Model(Mode)	QC-G90

Profile

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

Air Nipper
Hava Kesiciler

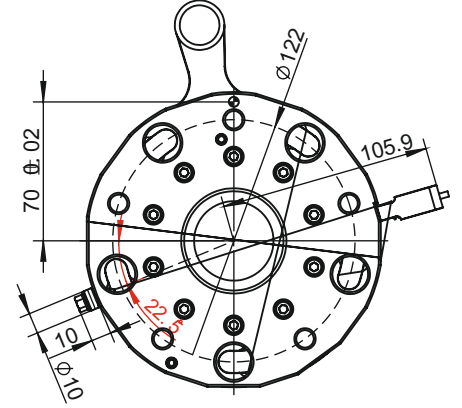
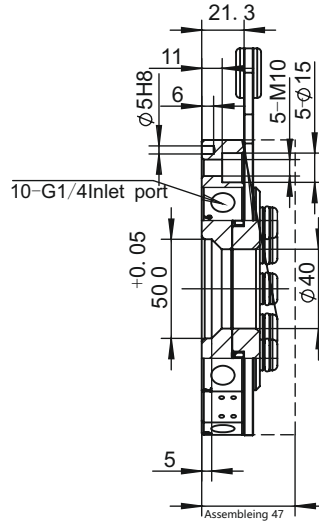
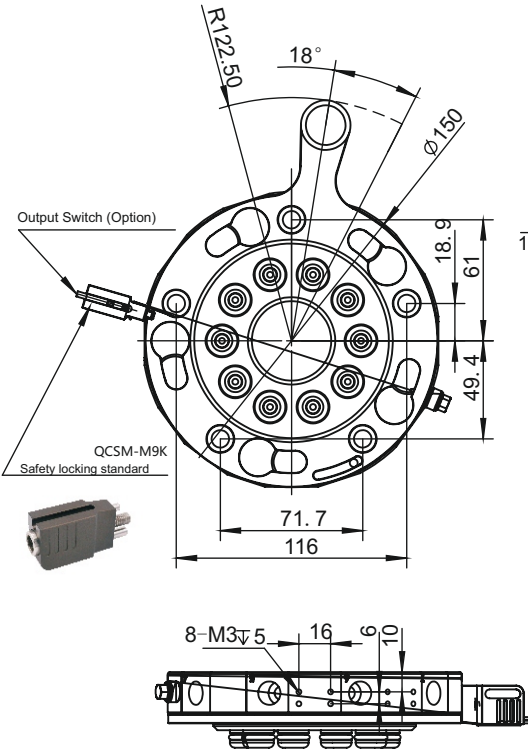
Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

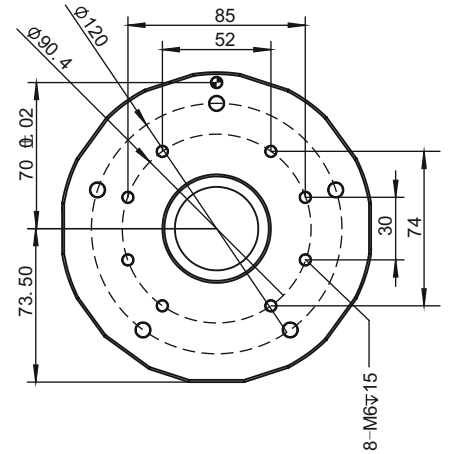
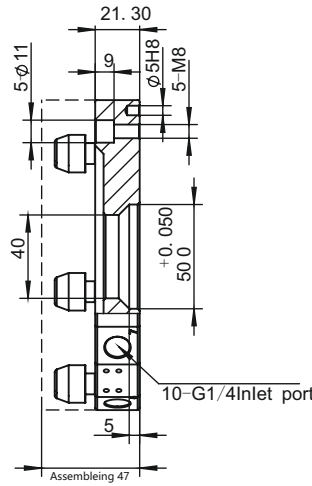
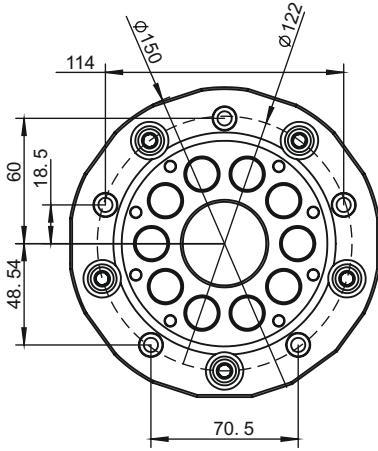
Hızlı Değiştirici Quick Changer

Ölçü Açıklamaları / Dimension description

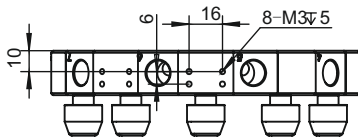
NEW



Stok K (PN)	8.Y00376
Model(Mode)	QC-R150K



Stok K.(PN)	8.Y00377
Model(Mode)	QC-G150



Profile, SUS Tube

Stents Module

Quick Changer

Grip Module

Air Nipper

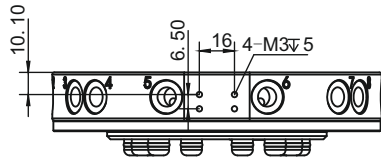
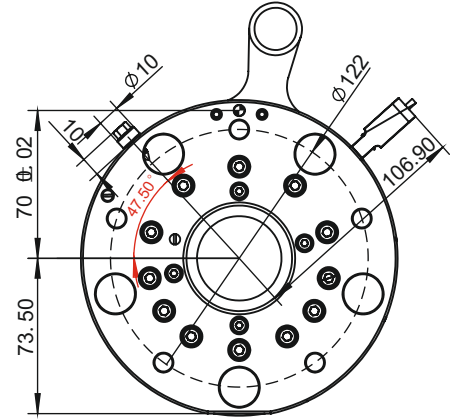
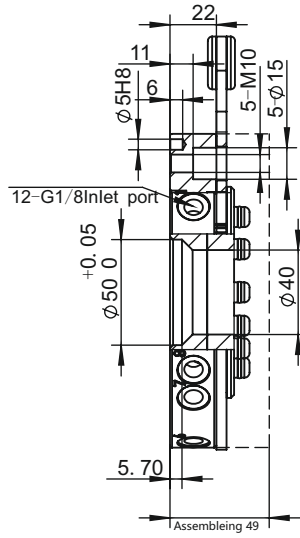
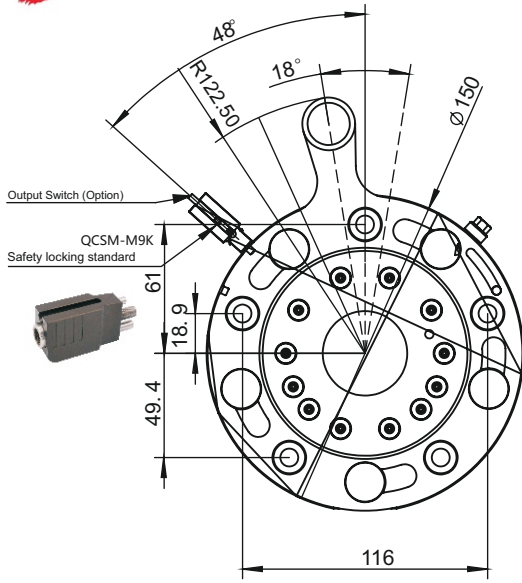
Vacuum Module

Accessory Components

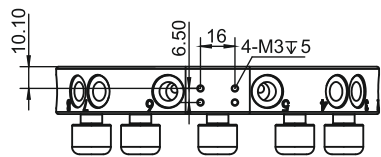
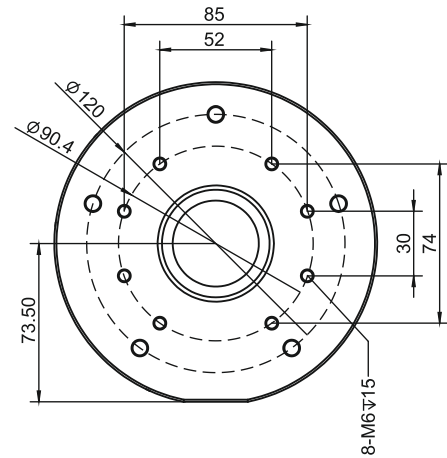
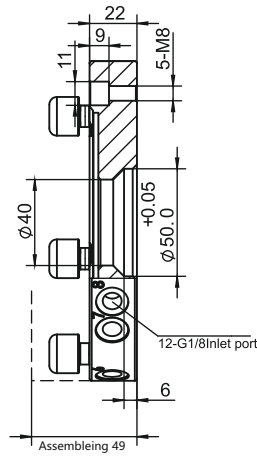
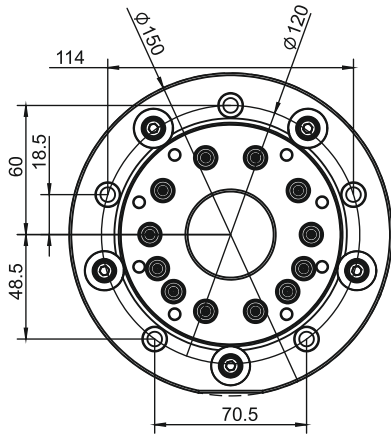
Hızlı Değiştirici Quick Changer

Ölçü Açıklamaları / Dimension description

NEW



Stok K(PN)	8.Y00360
Model(Mode)	QC-R160K



Stok K(PN)	8.Y00053
Model(Mode)	QC-G160

Profile
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

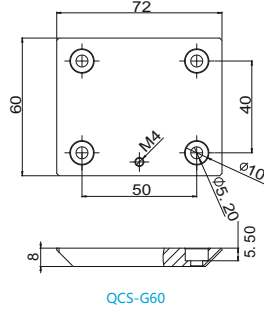
Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

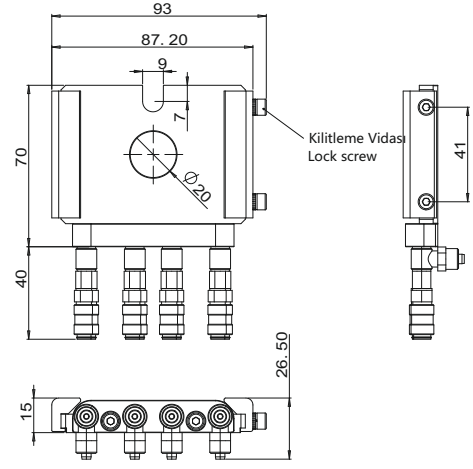
Accessory Components
Aksesuar Komponentleri

Accessory Components

Kare Hızlı Değişiriciler Min Quick Changer



QCS-G60



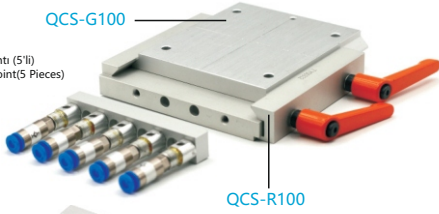
QCS-R60

Dişli Hava Girişleri (Opsiyonel)
Threaded Hose Module (Option)

Stok Kodu(PN)	8.Y00081	8.Y00082	1.Y03525	1.Y03524
Model(Model)	QCS-R60	QCS-G60	KCH04-M5	KCH06-M5
Taşıma Kapasitesi(Load)	70N			
Ağırlık/Weight	148g	79g	7g	9g

QCS-G100

Tek Yönlü Bağlantı (5'li)
Unidirectional joint(5 Pieces)
KCH06-M5*5
KCH04-M5*5

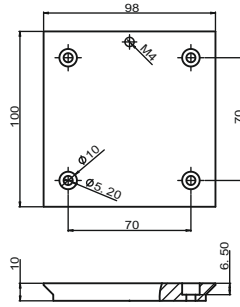


QCS-R100

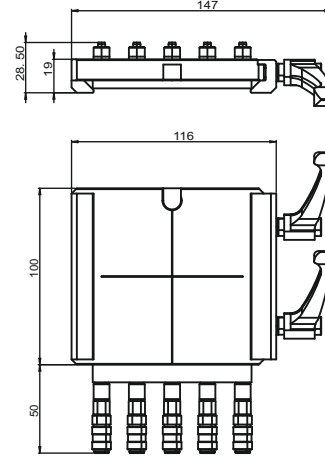


Hızlı Kaplin(5'li)
Quick coupling(5 Pieces)
MS-10SF*5

MS-10PF



QCS-G100



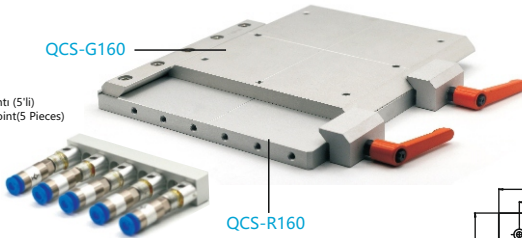
QCS-R100

Dişli Hava Girişleri (Opsiyonel)
Threaded Hose Module (Option)

Stok Kodu(PN)	7.Y00332	7.Y00175	7.Y00860	7.Y00861	7.Y00334	1.Y04667
Model(Model)	QCS-R100	QCS-G100	KCH04-M5*5	KCH06-M5*5	MS-10SF*5	MS-10PF
Taşıma Kapasitesi(Load)	300N					
Ağırlık/Weight	463g	240g	86g	96g	196g	11g

QCS-G160

Tek Yönlü Bağlantı (5'li)
Unidirectional joint(5 Pieces)
KCH06-M5*5
KCH04-M5*5

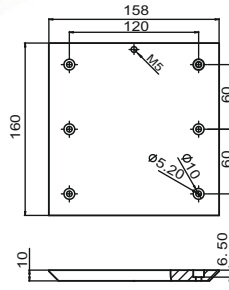


QCS-R160

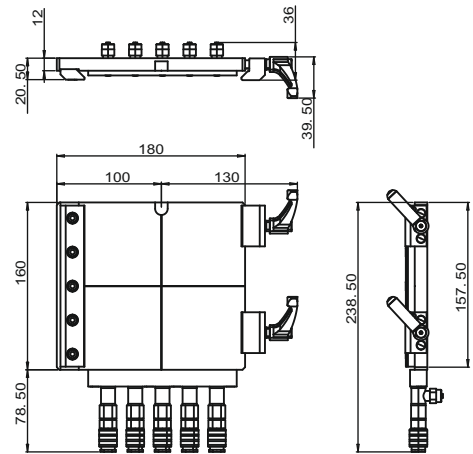


Hızlı Kaplin(5'li)
Quick coupling(5 Pieces)
MS-10SF*5

MS-10PF



QCS-G160



QCS-R160

Dişli Hava Girişleri (Opsiyonel)
Threaded Hose Module (Option)

Stok Kodu(PN)	7.Y00160	7.Y00161	7.Y00860	7.Y00861	7.Y00334	1.Y04667
Model(Model)	QCS-R160	QCS-G160	KCH04-M5*5	KCH06-M5*5	MS-10SF*5	MS-10PF
Taşıma Kapasitesi(Load)	800N					
Ağırlık/Weight	1198g	634g	86g	96g	196g	11g

Manuel Hızlı Değiştirici Quick Changer

Profile, SUS Tube

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri



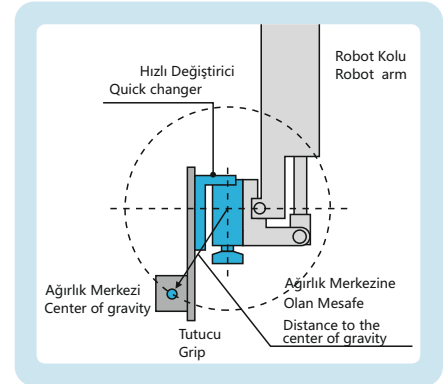
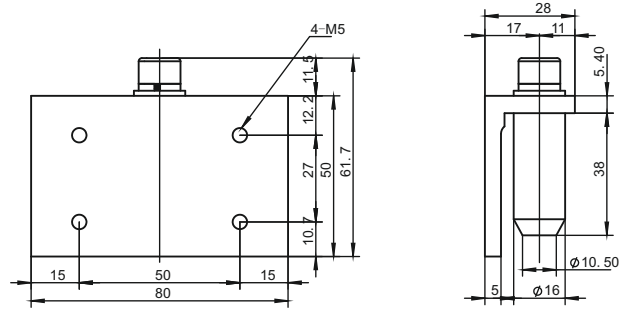
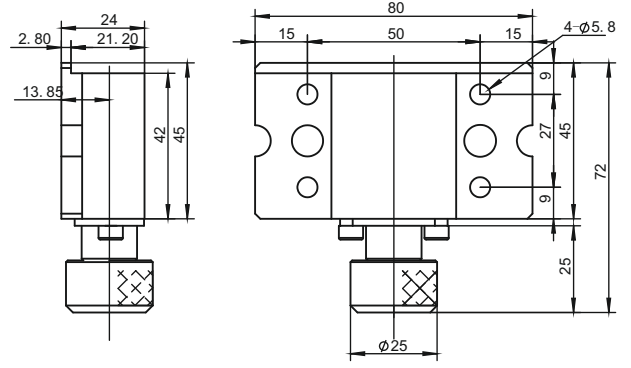
Stok K(PN)	1.Y01275
Model(Model)	QCL15R-Y

※Yüksek Sertlikte Alüminyum
※Ağırlığı: 185g
※Takılma Yeri: Robot Tarafı
※Taşıma Kapasitesi: ~15kg
※Superhard alüminum
※Weight: 185g
※Installation location: Robot side
※Load weight: to 15kg

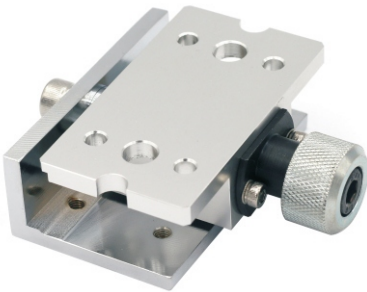


Stok K(PN)	1.Y01276
Model(Model)	QCL15G-Y

※Çelik
※Ağırlığı: 294g
※Takılma Yeri: Tutucu Tarafı
※Taşıma Kapasitesi: ~15kg
※Steel
※Weight: 294g
※Installation location: Grip side
※Load weight: to 15kg



Uygulama Örneği / Application example

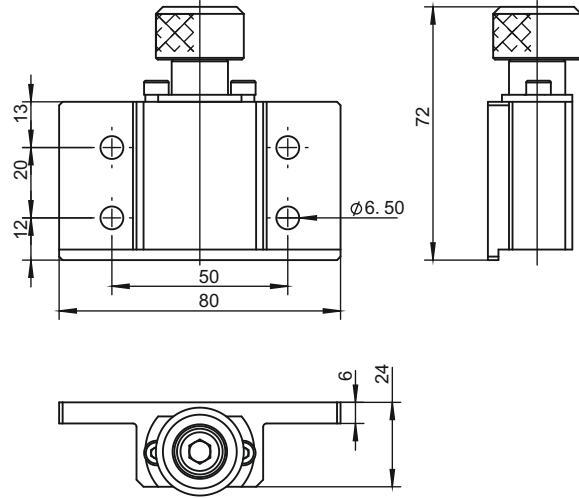


Manuel Hızlı Değiştirici Quick Changer



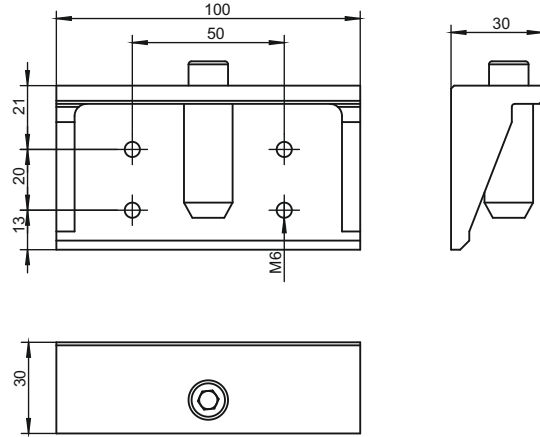
Stok K.(PN)	8.Y00236
Model(Model)	QCL15R-S

※Yüksek Sertlikte Alüminyum
 ※Ağırlık: 190g
 ※Takılma Yeri: Robot Tarafı
 ※Taşıma Kapasitesi: ~15kg
 ※Superhard alüminum
 ※Weight: 190g
 ※Installation location: Robot side
 ※Load weight: to 15kg

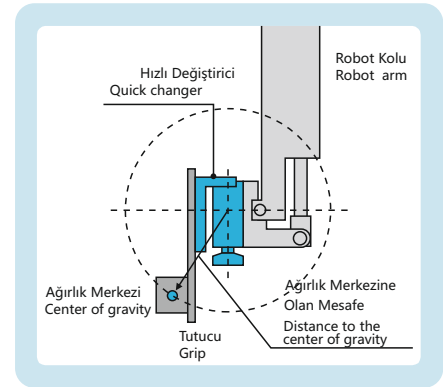


Stok K.(PN)	8.Y00235
Model(Model)	QCL15G-S

※Yüksek Sertlikte Alüminyum
 ※Ağırlık: 197g
 ※Takılma Yeri: Tutucu Tarafı
 ※Taşıma Kapasitesi: ~15kg
 ※Superhard alüminum
 ※Weight: 197g
 ※Installation location: Grip side
 ※Load weight: to 15kg



Uygulama Örneği/ Application example



Profile

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havalı Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Manuel Hızlı Değiştirici Quick Changer

Profile, SUS Tube
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri



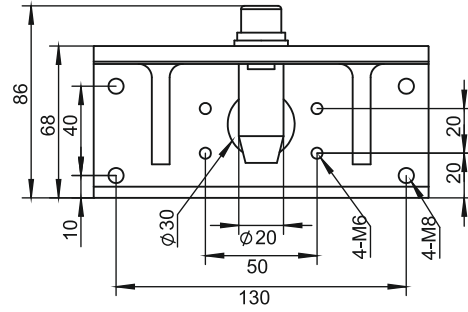
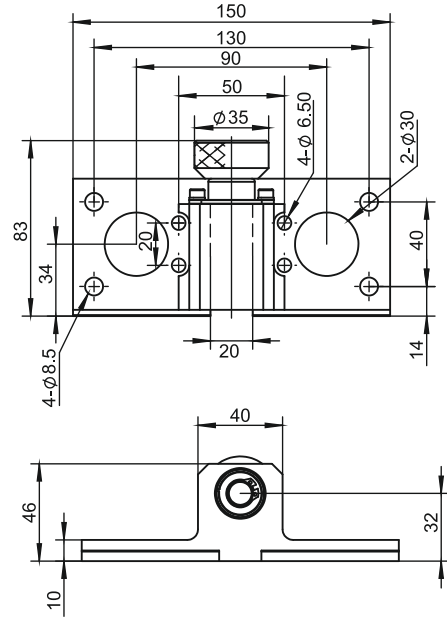
Stok K.(PN)	8.Y00101
Model(Mode)	QCL35R-S

※Yüksek Sertlikte Alüminyum
※Ağırlığı: 505g
※Takılma Yeri: Robot Tarafı
※Taşıma Kapasitesi: ~35kg
※Superhard alüminum
※Weight: 505g
※Installation location: Robot side
※Load weight: to 35kg

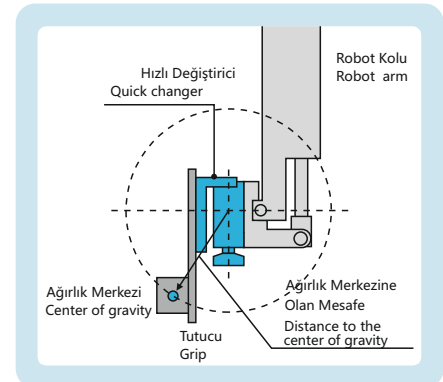


Stok K.(PN)	8.Y00102
Model(Mode)	QCL35G-S

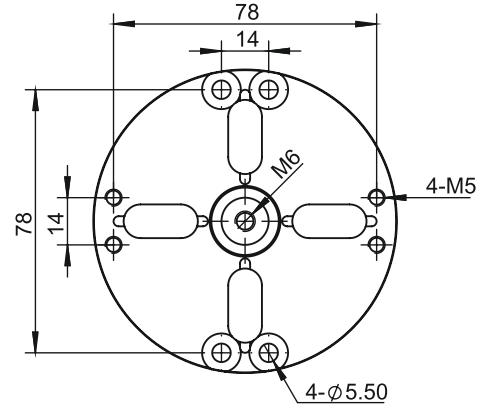
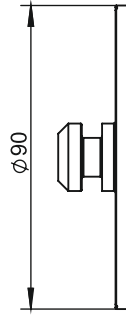
※Yüksek Sertlikte Alüminyum
※Ağırlığı: 565g
※Takılma Yeri: Tutucu Tarafı
※Taşıma Kapasitesi: ~35kg
※Superhard alüminum
※Weight: 565g
※Installation location: Grip side
※Load weight: to 35kg



Uygulama Örneği / Application example

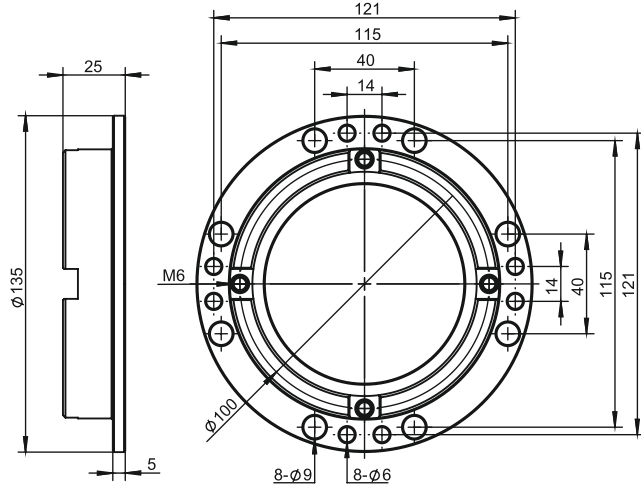


Manuel Hızlı Değiştirici Quick Changer



Stok K.(PN)	4.Y00480
Model(Mode)	BP90

- ※ Takılma Yeri: Tutucu Tarafı
- ※ Ağırlığı: 234g
- ※ Metal Parça
- ※ Iron products
- ※ Weight: 234g
- ※ Installation location: Grip side



Stok K.(PN)	4.Y00497
Model(Mode)	BP135

- ※ Metal Parça
- ※ Ağırlığı: 660g
- ※ Takılma Yeri: Tutucu Tarafı
- ※ Iron products
- ※ Weight: 660g
- ※ Installation location: Grip side

Profile
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Otomatik Hızlı Değiştirici Quick Changer

Profile, SUS Tube
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

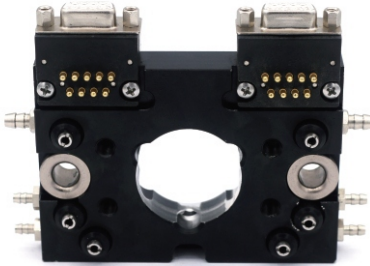
Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri



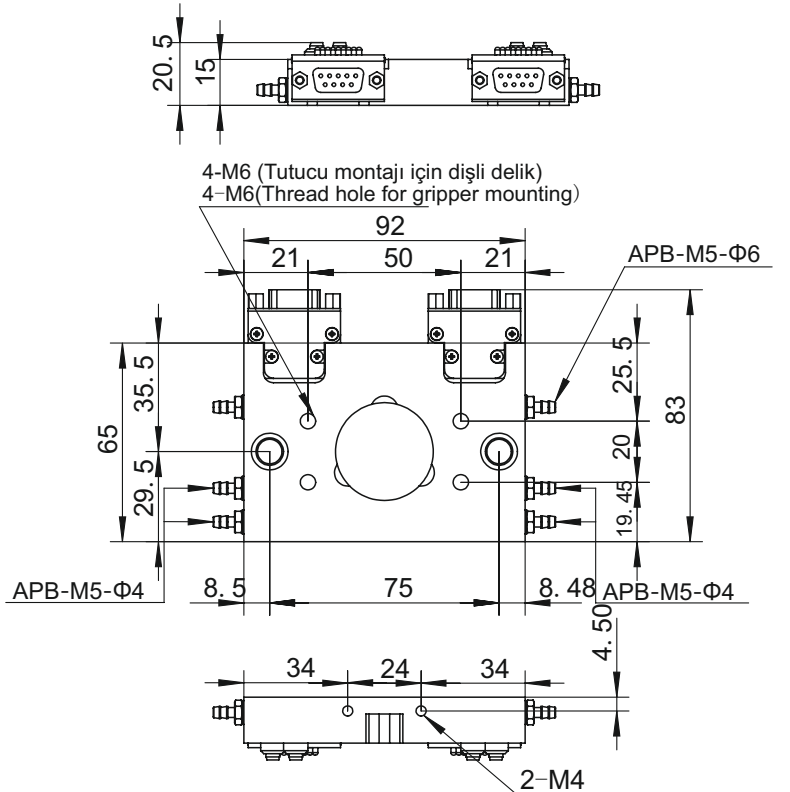
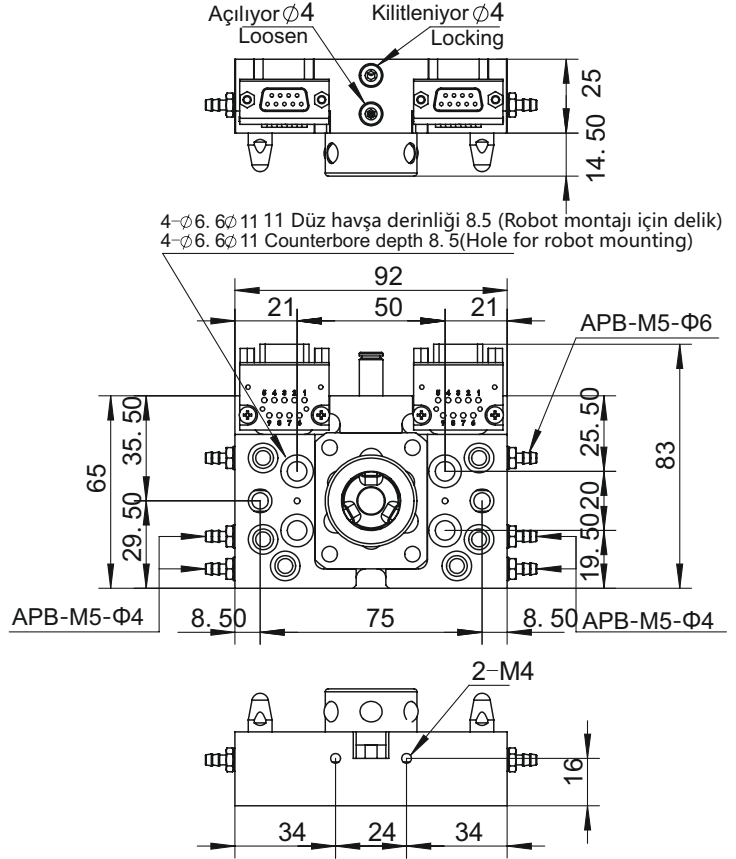
Stok K.(PN)	8.Y00037
Model(Mode)	QCA-S10R

- ※Takılma Yeri: Robot Tarafı
- ※Ağırlık: 466g
- ※Taşıma Kapasitesi: ~ 10kg
- ※Installation location: Robot side
- ※Weight: 466g
- ※Load weight: to 10kg



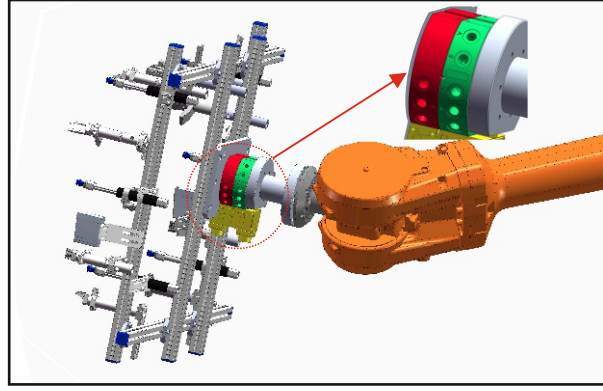
Stok K.(PN)	8.Y00038
Model(Mode)	QCA-S10G

- ※Takılma Yeri: Tutucu Tarafı
- ※Ağırlık: 230g
- ※Taşıma Kapasitesi: ~ 10kg
- ※Installation location: Grip side
- ※Weight: 230g
- ※Load weight: to 10kg



Otomatik Hızlı Değiştirici Quick Changer

NEW



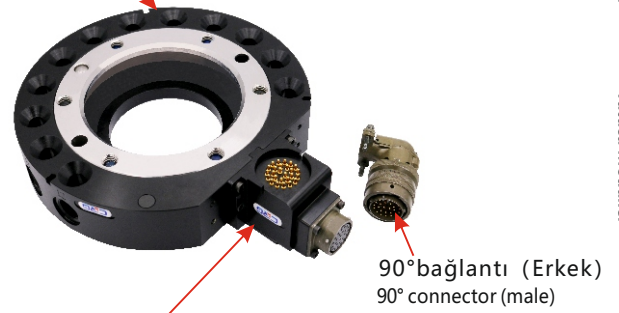
Hızlı Değiştirici Montaj Örneği
Quick Changer Installation example

Robot Tarafı
Robot side



Robot Tarafı Sinyal Modülü
signal module of robot side

Tutucu Tarafı
Grip side



Tutucu Tarafı Sinyal Modülü
signal module of grip side

Model product name	QCA50				QCA200			
Taşıma Kapasitesi Recommended payload	50kg				200kg			
Hava Delikleri Gas path	9 - G 1/8				12 - G 3/8			

Sinyal Modülü signal module	Robot Tarafı Robot side		Tutucu Tarafı Grip side		90°Bağlantı (Dişi) 90° connector (female)		90°Bağlantı (Erkek) 90° connector (male)	
Model(Model)	QCSM-26R	QCSM-19R	QCSM-26G	QCSM-19G	PT08SE16-26S	PT06E14-19S	PT08SE16-26P	PT06E14-19P
Stok K.(PN)	7.Y00464	7.Y00954	7.Y00465	7.Y00955	1.Y07209	1.Y09414	1.Y07210	1.Y09413
I/O Bağlantı Şekli I/O connection type	26 pins	19 pins	26 pins	19 pins	26 pins	19 pins	26 pins	19 pins
Çalışma Akımı Working Current	MAX 20A							
Uygulanabilen Ürünler Applicable Products	QCA50 QCA200							

Güvenlik Opsiyonu Safety capability (option)

Üç güvenlik özelliği anahtarı, çoklu koruma
Three safety capability switch, multiple protection

Harici algılama External detection

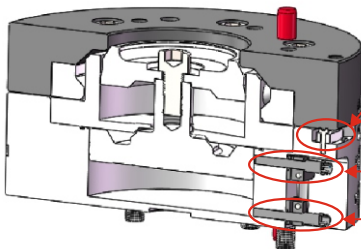
Robot tarafındaki pistonun kelepçeleme ve serbest bırakma sırasında yerinde hareket edip etmediğini kontrol edin
Check whether the piston in the robot side moves in place during clamping & releasing

İç Algılama Internal detection

Robot tarafındaki pistonun işlem sırasında yerinde hareket edip etmediğini kontrol edin.
kelepçeleme ve serbest bırakma
--- Sıkıştırma sırasında piston saptağında ve fiyestürün düşmesini önlemek için serbest bırakıldığında alarm verilebilir
--- Check whether the piston in the robot side moves in place during clamping & releasing
--- Alarm can be given when the piston is deviated during clamping & to releasing to prevent the fixture from falling off

Tutucu Tarafı
Grip side

Robot Tarafı
Robot side



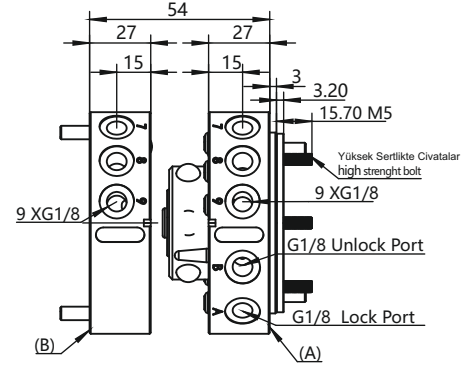
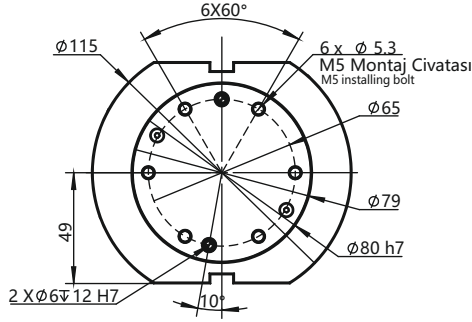
Algılama Switch 1
Detection switch 1
Algılama Switch 2
Detection switch 2
Algılama Switch 3
Detection switch 3

Otomatik Hızlı Değiştirici Quick Changer

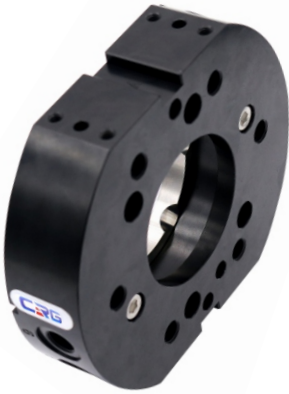
NEW



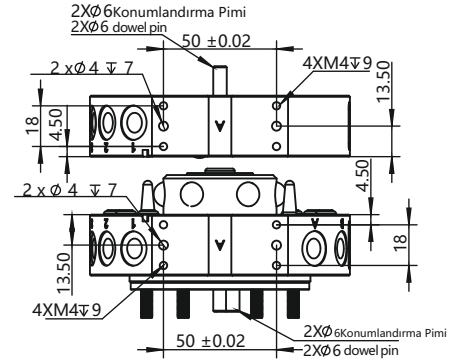
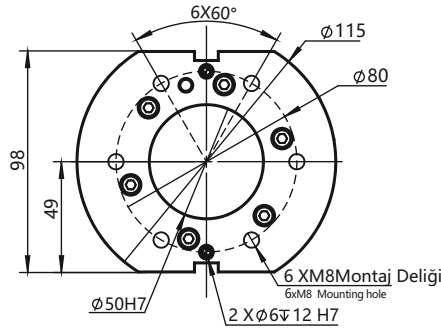
Robot Tarafı
Robot side



Stok K.(PN)	8.Y00349
Model(Mode)	QCA-50R



Tutucu Tarafı
Grip side



Stok K.(PN)	8.Y00350
Model(Mode)	QCA-50G

- Önerilen Taşıma Kapasitesi : 50kg
- Kilitleme Kuvveti @ 80Psi (5.5Bar) 4600 N
- Statik Yük torku (X&Y) : 165 Nm
- Statik Yük torku (Z) : 226 Nm
- Konum tekrarlanabilirliği (X, Y & Z) : 0,015 mm
- Kilitlendikten sonra ağırlık : 1,68 kg
- Robot tarafının ağırlığı : 1,08 kg
- Tutucu tarafının ağırlığı : 0,6 kg
- Max. Açılı Sapma Toleransı $\pm 1^\circ$
- Kilitlemeden önce Robot tarafı ile tutucu tarafı arasında (6 Bar) basınç altında, maksimum boşluk 3 mm'dir.
- Hava Deliği Ölçüsü(Adeti) : (9) 1/8

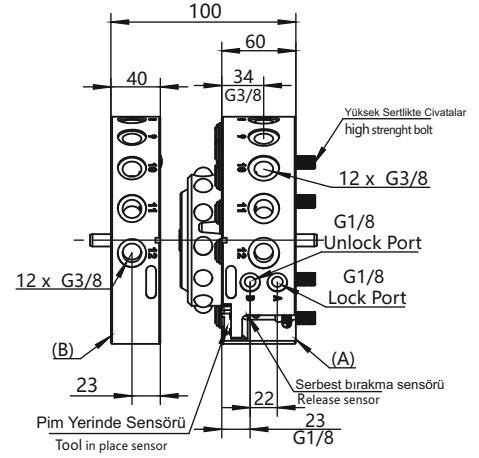
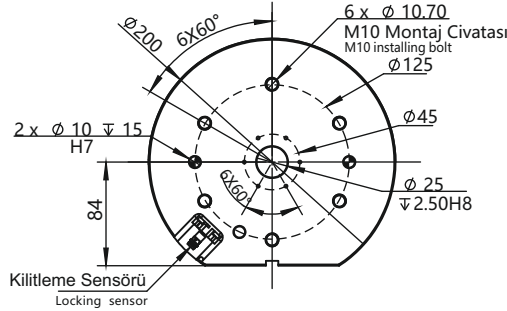
- Recommended rated load: 50kg
- Locking Force@80Psi (5.5Bar) 4600 N
- Static Load torque (X&Y): 165 Nm
- Static Load torque (Z) : 226 Nm
- Position repeatability (X,Y&Z) : 0.015 mm
- Weight after locked: 1.68 kg
- Robot side's weight: 1.08 kg
- Grip side's weight: 0.6 kg
- Maximum allowable angle migration $\pm 1^\circ$
- Under (6 Bar) pressure, the max clearance is 3 mm between Robot side and tooling side before lock.
- Size of straight air hole (quantity): (9) 1/8

Otomatik Hızlı Değřtirici Quick Changer

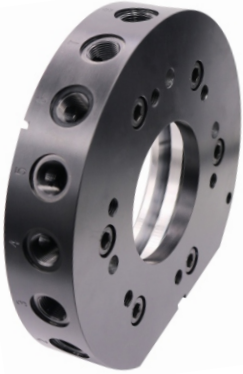
NEW



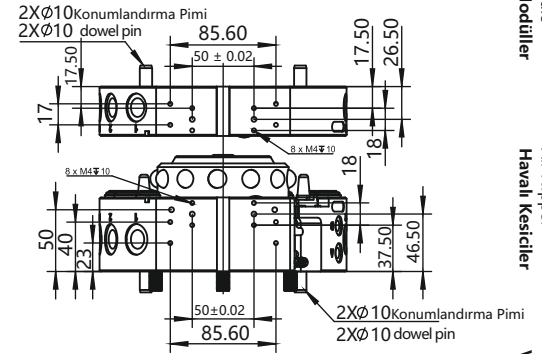
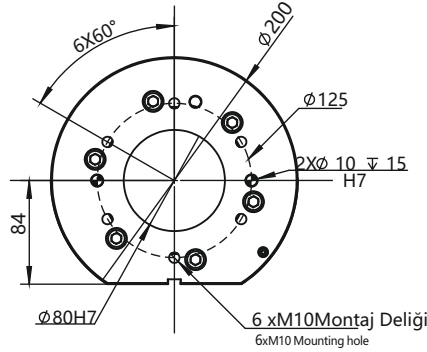
机器人侧
Robot side



Stok K.(PN)	8.Y00272
Model(Mode)	QCA-200R



Tutucu Tarafı
Grip side



Stok K.(PN)	8.Y00357
Model(Mode)	QCA-200G

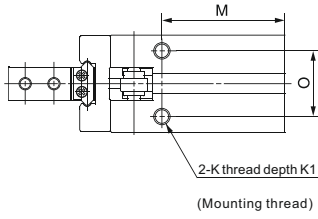
1. Önerilen Tařıma Kapasitesi : 200kg
2. Kilitleme Kuvveti @ 80Psi (5.5Bar) 16000 N
3. Statik Yük torku (X&Y) : 1360 Nm
4. Statik Yük torku (Z) : 1130 Nm
5. Konum tekrarlanabilirliğı (X, Y & Z) : 0,015 mm
6. Kilitlendikten sonra ağırlık : 9 kg
7. Robot tarafının ağırlığı : 6,2 kg
8. Tutucu tarafının ağırlığı : 2,8 kg
9. Max. Açı Sapma Toleransı ± 1 °
10. Kilitlemeden önce Robot tarafı ile tutucu tarafı arasında (6 Bar) basınç altında, maksimum boşluk 2 mm'dir.
11. Hava Deliğı Ölçüsü(Adeti) : (12) 1/8
- 12.Sinyal Modülü: 26pin

- 1.Recommended rated load: 200kg
- 2.Locking Force@80Psi (5.5Bar) 16000 N
- 3.Static Load torque (X&Y): 1360 Nm
- 4.Static Load torque (Z): 1130 Nm
- 5.Position repeatability (X,Y&Z): 0.015 mm
- 6.Weight after locked: 9 kg
- 7.Robot side's weight: 6.2 kg
- 8.Grip side's weight: 2.8 kg
- 9.Maximum allowable angle migration±1°
- 10.Under (6 Bar) pressure, the max clearance is 2 mm between Robot side and tooling side before lock.
- 11.Size of straight air hole (quantity): (12) 1/8
- 12.Signal Module: 26pin

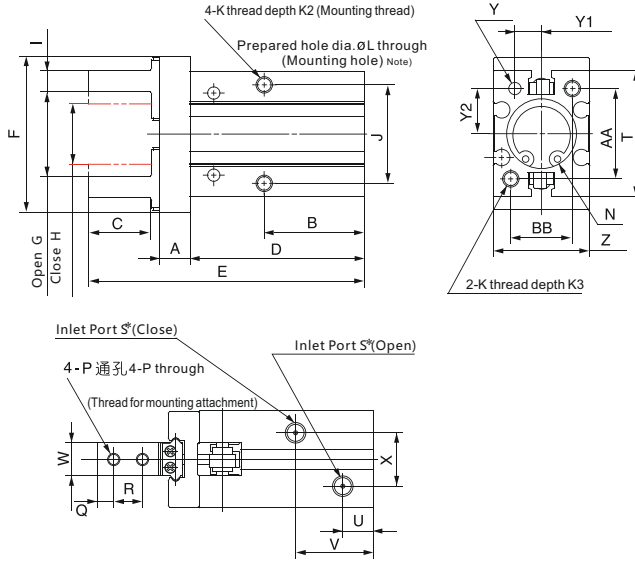
Paralel Tutucu Parallel Gripper



Stok Kodu(PN)	S	1.Y00258	1.Y00257	1.Y03080	1.Y09884	1.Y09885	1.Y09887
	D	1.Y00252	1.Y00256	1.Y02703	1.Y09338	1.Y09886	1.Y09888
Model(Model)	S	GMHZ2-10S	GMHZ2-16S	GMHZ2-20S	GMHZ2-25S	GMHZ2-32S	GMHZ2-40S
	D	GMHZ2-10D	GMHZ2-16D	GMHZ2-20D	GMHZ2-25D	GMHZ2-32D	GMHZ2-40D
Delik Bore		10	16	20	25	32	40
Kullanım Şekli Fluid		Hava Air					
Çalışma Basıncı(MPa)	Tek Hareket Single action	0.35~0.7	0.25~0.7				
Operating pressure range	Çift Hareket Double action	0.2~0.7	0.1~0.7				
Çalışma ve Akışkan Sıcaklığı Environment and fluid temperature		-10~60℃					
Tekrarlanabilirlik(mm) Repeatability accuracy		±0.01				±0.02	
Maksimum kullanım sıklığı(c.p.m) Maximum frequency of use		180				60	
Hareket Modu Action mode		Tek Hareket Çift Haraket Single action · Double action					
Manyetik Switch (Opsiyonel) Magnetic switch (optional)		Temassız manyetik Switch Contactless magnetic switch					
Hortum Çapı Pipe Size		M3×0.5	M5×0.8				



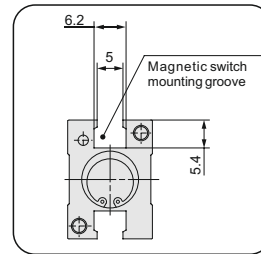
[Standart Tip] GMHZ2 - 20 D
Standard type
Paralel Açılıyor ve Kapanıyor Parallel opening and closing type
10 10mm Bore
16 16mm
20 20mm
25 25mm
32 32mm
40 40mm
Hareket Modu Action mode
D Çift Hareket Double action
S Tek Hareket (Açma) Single action (Open)



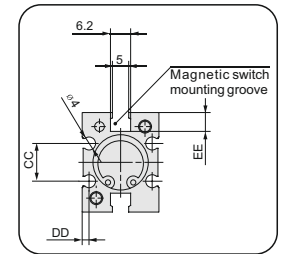
Tutucu Kuvveti/ Gripping force

Model	Tutucu Kuvveti N/ Gripping force N			Açılma Kapanma Strok(mm)
	Her Tutucu İçin Ayrı Kuvvet Değeri Gripping force per finger Effective value			
	Çift Hareket(D) Double action		Tek H.S) Single action	
	Dış/External	İç/Internal	İç/External	Opening/Closing stroke (Both sides) (mm)
GMHZ2-10□	11	17	7.1	4
GMHZ2-16□	34	45	27	6
GMHZ2-20□	42	66	33	10
GMHZ2-25□	65	104	45	14
GMHZ2-32□	158	193	131	22
GMHZ2-40□	254	318	217	30

GMHZ2-10 Manyetik Switch Montaj Oyuğu
GMHZ2-10 Magnetic Switch Mounting Groove Dimensions



GMHZ2- Manyetik Switch Montaj Oyuğu
GMHZ2- Magnetic Switch Mounting Groove Dimensions



* For single action, the port on one side is a breathing hole.

Ölçülendirme Tablosu(mm) Dimensions table

(Bore)	A	B	C	D	E	F	G	H	I	J	K	K1	K2	K3	ØL	M	N
10	6	23	12	37.8	57	29	15.2 ^{+0.2/-0.2}	11.2 ^{+0.1/-0.1}	4 ^{+0.1/-0.1}	16	M3x0.5	6	5.5	6	2.6	27	Ø11H9T 2
16	7.5	24.5	15	42.5	67.3	38	20.9 ^{+0.2/-0.2}	14.9 ^{+0.1/-0.1}	5 ^{+0.1/-0.1}	24	M4x0.7	4.5	8	8	3.4	30	Ø17H9T 2
20	9.5	29	20	52.8	84.8	50	26.3 ^{+0.2/-0.2}	16.3 ^{+0.1/-0.1}	8 ^{+0.1/-0.1}	30	M5x0.8	8	10	10	4.3	35	Ø21H9T 3
25	11	30	25	63.6	102.7	63	33.3 ^{+0.2/-0.2}	19.3 ^{+0.1/-0.1}	10 ^{+0.1/-0.1}	36	M6x1	10	12	12	5.1	36.5	Ø26H9T 3.5
32	12	40(49)	29	67(76)	113(122)	97	48 ^{+0.5/-0.5}	26 ^{+0.1/-0.1}	12 ^{+0.1/-0.1}	46	M6x1	10	13	13	5.1	48(57)	Ø34H9T 4
40	15	49(62)	36	83(96)	139(152)	119	60 ^{+0.7/-0.7}	30 ^{+0.1/-0.1}	14 ^{+0.1/-0.1}	56	M8x1.25	13	16	17	6.6	58(71)	Ø42H9T 4

(Bore)	O	P	Q	R	S	T	U	V	W	X	Y	Z	Y1	Y2	AA	BB	CC	DD	EE
10	11.4	M2.5x0.45	3	5.7	M3x0.5	23	9	19	5 ^{+0.05/-0.05}	11	Ø2H9T 3	16.4 ^{+0.05/-0.05}	5.2 ^{+0.02/-0.02}	7.6 ^{+0.02/-0.02}	18	12	-	-	-
16	16	M3x0.5	4	7	M5x0.8	30.6	7.5	19	8 ^{+0.05/-0.05}	13	Ø3H9T 3	23.6 ^{+0.05/-0.05}	6.5 ^{+0.02/-0.02}	11 ^{+0.02/-0.02}	22	15	11.6	2.1	5.8
20	18.6	M4x0.7	5	9	M5x0.8	42	10	23	10 ^{+0.05/-0.05}	15	Ø4H9T 4	27.6 ^{+0.05/-0.05}	7.5 ^{+0.02/-0.02}	16.8 ^{+0.02/-0.02}	32	18	14	2.1	9
25	22	M5x0.8	6	12	M5x0.8	52	10.7	23.5	12 ^{+0.05/-0.05}	20	Ø4H9T 4	33.6 ^{+0.05/-0.05}	10 ^{+0.02/-0.02}	21.8 ^{+0.02/-0.02}	40	22	19	3.5	11.5
32	26	M6x1	7	14	M5x0.8	60	11	31(37)	15 ^{+0.05/-0.05}	24	Ø5H9T 5	40 ^{+0.1/-0.1}	12 ^{+0.02/-0.02}	23 ^{+0.02/-0.02}	46	26	24	3.3	11.5
40	32	M8x1.25	9	17	M5x0.8	72	12	38(45)	18 ^{+0.05/-0.05}	28	Ø5H9T 5	48 ^{+0.1/-0.1}	14 ^{+0.02/-0.02}	29 ^{+0.02/-0.02}	56	32	29.4	3.7	13

Note) When using Magnetic switches, throughhole mounting is not possible.

Note) When using Magnetic switches D-Y59, D-Y69, D-Y7, throughhole mounting is not possible.

Switch Seçimi İçin Lütfen Sayfa 137'ye bakın

www.robotaparati.com

info@robotaparati.com

DIRETECH

Profile, SUS Tube
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

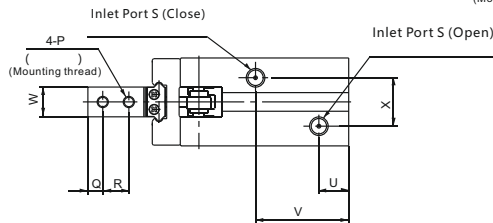
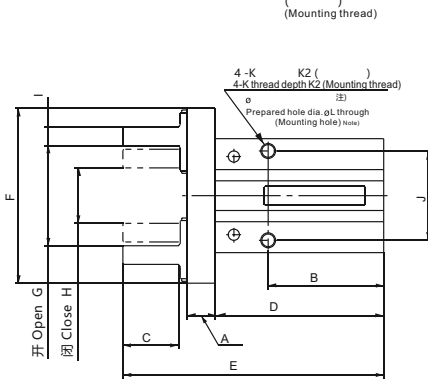
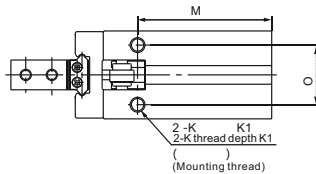
Accessory Components
Aksesuar Komponentleri

Uzun Paralel Gripper Lengthen Parallel Gripper

NEW



(PN)	S	1.Y09405	1.Y08175	1.Y09882	1.Y09883
	D	1.Y07974	1.Y08146	1.Y07975	1.Y08802
(Model)	S	GMHZL2-10S	GMHZL2-16S	GMHZL2-20S	GMHZL2-25S
	D	GMHZL2-10D	GMHZL2-16D	GMHZL2-20D	GMHZL2-25D
Bore		10	16	20	25
Fluid					
(Mpa) Operating pressure range	Single action	0.35~0.7		0.25~0.7	
	Double action	0.2~0.7		0.1~0.7	
Environment and fluid temperature		-10~60℃			
(mm) Repeatability accuracy		±0.01			
(c.p.m) Maximum frequency of use		120			
Action mode		Single action · Double action			
Magnetic switch (optional)		Contactless magnetic switch			
Pipe Size		M3×0.5		M5×0.8	



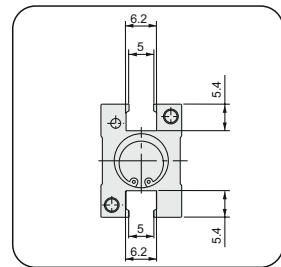
* For single action, the port on one side is a breathing hole.

GMHZL2 - [Bore]		Action mode
Standard type	Long Stroke type	
10	10mm	D Double action S Single action(Open)
16	16mm	
20	20mm	
25	25mm	

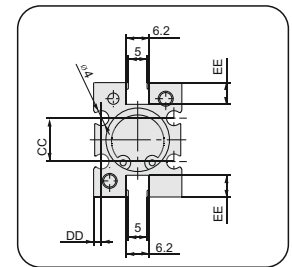
Gripping force

Model	N/ Gripping force N			mm Opening/Closing stroke (Both sides) (mm)
	Gripping force per finger Effective value			
	(D) Double action		(S) Single action	
	External	Internal	External	
GMHZL2-10□	11	17	7.1	8
GMHZL2-16□	34	45	27	12
GMHZL2-20□	42	66	33	18
GMHZL2-25□	65	104	50	22

GMHZL2-10□ Magnetic Switch Mounting Groove Dimensions



GMHZL2-□ Magnetic Switch Mounting Groove Dimensions



Note) When using Magnetic switches, throughhole mounting is not possible.

Note) When using Magnetic switches D-Y59, D-Y69, D-Y7, throughhole mounting is not possible.

(mm) Dimensions table

(Bore)	A	B	C	D	E	F	G	H	I	J	K	K1	K2	K3	øL	M	N
10	6	25(35)	12	37.8(47.8)	57(67)	35	19.2 ^{+0.2} _{-0.1}	11.2 ^{+0.1} _{-0.05}	4 ^{+0.1} _{-0.05}	16	M3x0.5	6	5.5	6	2.6	29(39)	ø11H9T2
16	7.5	31(36)	15	45.2(50.2)	70(75)	47	26.9 ^{+0.2} _{-0.1}	14.9 ^{+0.1} _{-0.05}	5 ^{+0.1} _{-0.05}	24	M4x0.7	4.5	8	8	3.4	36(41)	ø17H9T2
20	9.5	36(42)	20	58(64)	90(96)	62	34.3 ^{+0.2} _{-0.1}	16.3 ^{+0.1} _{-0.05}	8 ^{+0.1} _{-0.05}	30	M5x0.5	8	10	10	4.3	43(49)	ø21H9T3
25	11	40(50)	25	66.9(76.9)	106(116)	75	41.3 ^{+0.2} _{-0.1}	19.3 ^{+0.1} _{-0.05}	10 ^{+0.1} _{-0.05}	36	M6x1	10	12	12	5.1	48(58)	ø26H9T3.5

(Bore)	O	P	Q	R	S	T	U	V	W	X	Y	Z	Y1	Y2	AA	BB	CC	DD	EE
10	11.4	M2.5x0.45	3	5.7	M3x0.5	23	8	21(31)	5 ^{+0.05} _{-0.02}	11	ø2H9T3	16.4 ^{+0.05} _{-0.02}	5.2 ^{+0.02} _{-0.01}	7.6 ^{+0.02} _{-0.01}	18	12	-	-	-
16	16	M3x0.5	4	7	M5x0.8	30.6	8	25(30)	8 ^{+0.05} _{-0.02}	13	ø2H9T3	23.6 ^{+0.05} _{-0.02}	6.5 ^{+0.02} _{-0.01}	11 ^{+0.02} _{-0.01}	22	15	11.6	2.1	5.8
20	18.6	M4x0.7	5	9	M5x0.8	42	10	30(36)	10 ^{+0.05} _{-0.02}	15	ø4H9T4	27.6 ^{+0.05} _{-0.02}	7.5 ^{+0.02} _{-0.01}	16.8 ^{+0.02} _{-0.01}	32	18	14	2.1	9
25	22	M5x0.8	6	12	M5x0.8	52	10	33(43)	12 ^{+0.05} _{-0.02}	20	ø4H9T4	33.6 ^{+0.05} _{-0.02}	10 ^{+0.02} _{-0.01}	21.8 ^{+0.02} _{-0.01}	40	22	19	3.5	11.5

Y Tipi Gripper Y Type Gripper

Profile, SUS Tube
Profilier

Stents Module
Bağımlı Modülleri

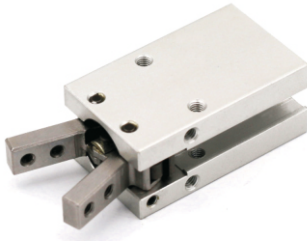
Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

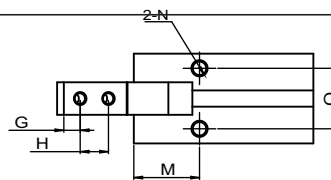
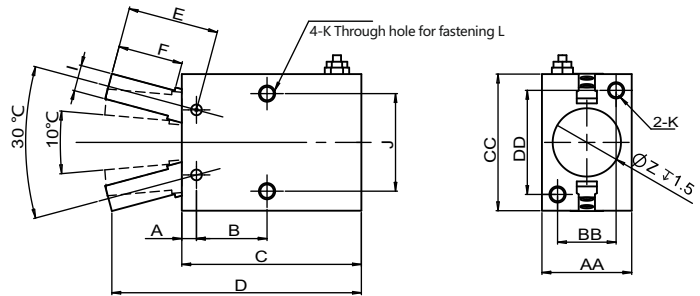
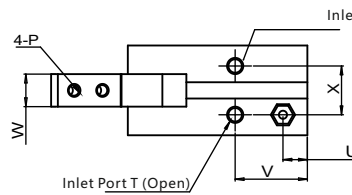
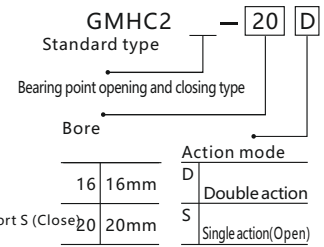
Air Nipper
Hava Kesiçiler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

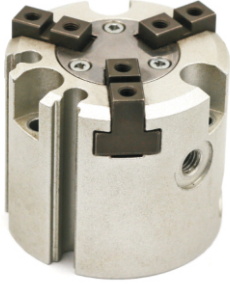


(PN)	S	1.Y02014	1.Y02730
	D	1.Y05738	1.Y04328
(Model)	S	GMHC2-16S	GMHC2-20S
	D	GMHC2-16D	GMHC2-20D
Bore		16	20
Fluid		Air	
(Mpa) Operating pressure range	Single action	0.1~0.6	
	Double action	0.25~0.6	
Environment and fluid temperature		-10~60°C	
(c.p.m) Maximum frequency of use		180c.p.m	
(mm) Repeatability accuracy		±0.01	



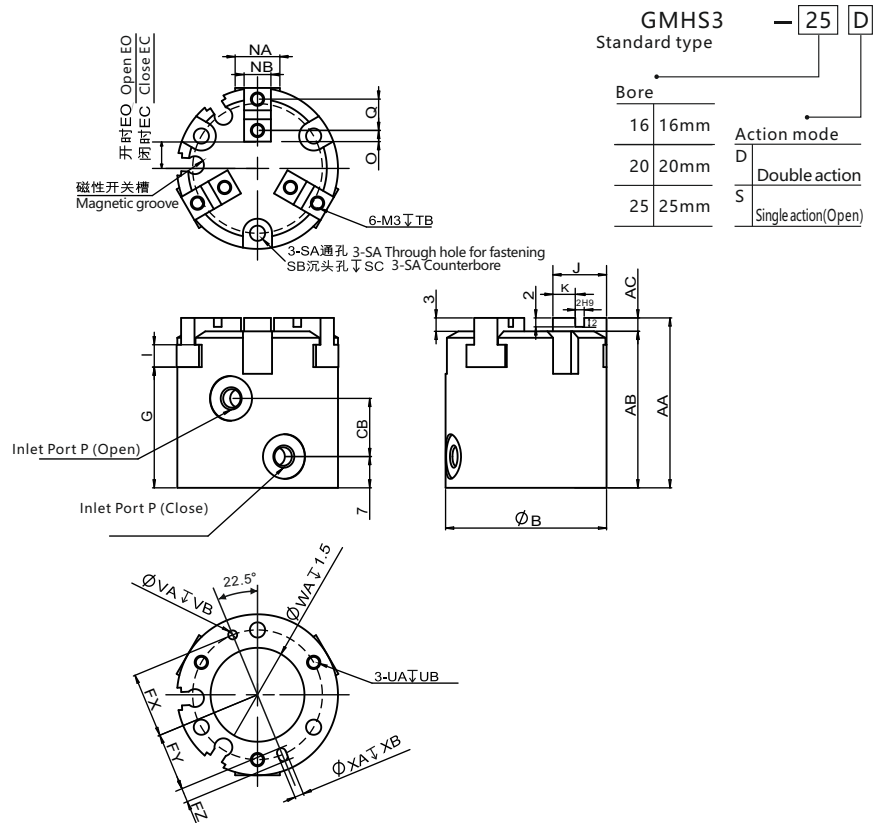
(Bore) (mm)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Pipe Size S T	U	V	W	X	Z	AA	BB	CC	DD
16	3.9	16.2	44.6	62.5	22.6	16	4	7	7	24	M4X0.7 ∇ 8	3.4	10.7	M4X0.7 ∇ 8	16	M3X0.5	M5X0.8	7	18.3	8	13	17	23.6	15	30.6	22
20	4.5	21.7	55.2	78.7	28	20	5.2	9	8	30	M5X0.8 ∇ 10	4.3	15.7	M5X0.8 ∇ 8	8.6	M4X0.7	M5X0.8	7.5	22.2	10	15	21	27.6	18	42	32

Üç Ayaklı Gripper Three Jaws Gripper



(PN)		1.Y04529	1.Y04764	1.Y05750
(Model)		GMHS3-16D	GMHS3-20D	GMHS3-25D
Bore		16	20	25
Fluid		Air		
Operating pressure range		0.2~0.6MPa		
Environment and fluid temperature		-10~60°C		
(mm) Repeatability accuracy		±0.01		
(c.p.m) Maximum frequency of use		120c.p.m		
action mode		双作用 Double action		
Note) gripping force N Pressure 0.5MPa	External diameter clamping	14	25	42
	internal diameter clamping	16	28	47
	External diameter clamping with dust cover	9	21	36
Standard finger stroke with hood		4	4	6
Long stroke finger stroke		10	10	12
Rc Pipe Size		M3×0.5	M5×0.8	
Magnetic switch		Built in magnetic ring type		

Note)Clamping force when holding the outside diameter,
The value of the holding point of Ø16-Ø25 is L=20mm



(Bore)	AA	AB	B	CB	EC	EO	FX	FY	FZ	G	I	J	K	NA	NB
16	35	32	30	11	5	7	12.5	11	3	25	4	10	4	8	5h9
20	38	35	36	13	6	8	14.5	13	3	27	5	12	5	10	6h9
25	40	37	42	15	7	10	17	14.5	5	28	5	14	6	12	6h9

(Bore)	O	P	Q	SA	SB	SC	TB	UA	UB	VA	VB	WA	XA	XB
16	2	M3x0.5	6	3.4	6.5	8	5	M3x0.5	4.5	2H9	2	17H9	2H9	2
20	2.5	M5x0.8	7	3.4	6.5	9.5	6	M3x0.5	6	2H9	2	21H9	2H9	2
25	3	M5x0.8	8	4.5	8	10	6	M4x0.7	6	3H9	3	26H9	3H9	3

GMXQA Havalı Kayar Tablalı İki Portlu Tip Air Slide Table Double-ported Type GMXQA Series

NEW



Bore size (mm)	6	8	12	16	20	25
Piping port size	M5 x 0.8					
Fluid	Air					
Action	Double acting					
Operating pressure	0.15 to 0.7 MPa*1 (End lock: 0.35 to 0.7 Mpa)*1					
Proof pressure	1.05MPa					
Ambient and fluid temperatures	-10~60°C					
Operating speed range	50 to 500 mm/s (Metal stopper with bumper: 50 to 300 mm/s)					
(Average operating speed)	the standard stroke table : 50 to 300 mm/s					
Cushion (Without stroke adjuster)	Internal rubber bumper					
Cushion (With stroke adjuster)	Metal stopper with bumper, Rubber stopper, Shock absorber, Metal stopper					
Lubrication	Non-lube					
Magnetic switch	Solid state magnetic switch, Reed magnetic switch (2-wire, 3-wire)					
	2-color indicator solid state magnetic switch (2-wire, 3-wire)					
(mm)	+2.0~0					
Stroke length tolerance						

Note) If the operating pressure is lower than the minimum operating pressure, the repeated accuracy will decline. Minimum operating pressure of the metal stopper with bumper: Pressure required to fully compress the protrusion of the bumper to get in contact with the metal part The operating pressure of the bore size 20 cylinder with shock absorber is 0.15 to 0.6 MPa.

Model representation methods

GMXQ **12**A-**30** **ZA** ☐

Bore Stroke Functional options

Nil	Without functional option
1	With buffer
2	With end lock
3	Axial piping
4	With-buffer, end lock
5	With-buffer, axial piping

Stroke/magnetic switch selection

Model	(mm)	Standard stroke (mm)	Magnetic switch	
			2-wire	3-wire
GMXQ6A	6	10,20,30,40,50	D-M9B D-M9BL D-M9BV D-M9BVL	D-M9N
GMXQ8A	8	10,20,30,40,50,75		D-M9NL
GMXQ12A	12	10,20,30,40,50,75,100		D-M9NV
GMXQ16A	16	10,20,30,40,50,75,100,125		D-M9NVL
GMXQ20A	20	10,20,30,40,50,75,100,125,150		D-M9P
GMXQ25A	25	10,20,30,40,50,75,100,125,150		D-M9PL
				D-M9PV
				D-M9PVL

* The operating speed range of the stroke marked with an asterisk (*) is 50 to 300 mm/s. (Without stroke adjuster)

Adjuster options/Functional option combinations

Symbol	Adjuster type	Adjuster mounting position*1		Functional option combination					
		Extension stroke end	Retraction stroke end	Nil	1	2	3	4	5
Z	Without adjuster			Without functional option	With buffer	With end lock*4	Axial piping	With buffer, end lock	With buffer, axial piping
ZA	Metal stopper with bumper	●	●	○	○	○	○	○	○
ZB		●	●	○	○	○	○	○	○
ZC		●	●	○	○	○	○	○	○
ZD		●	●	○	○	○	○	○	○
ZE	Rubber stopper	●	●	○	○	○	○	○	○
ZF		●	●	○	○	○	○	○	○
ZG		●	●	○	○	○	○	○	○
ZH		●	●	○	○	○	○	○	○
ZI	Shock absorber/RJ	●	●	○	○	○	○	○	○
ZJ		●	●	○	○	○	○	○	○
ZK		●	●	○	○	○	○	○	○
ZL		●	●	○	○	○	○	○	○
ZM	Shorter total length type*5	Without adjuster		○	○	○	○	○	○
ZN		Rubber stopper		○	○	○	○	○	○
ZP		(RJ) Shock absorber/RJ		○	○	○	○	○	○
ZQ		Metal stopper with bumper		○	○	○	○	○	○
ZS				○	○	○	○	○	○

Maximum Load Weight

(kg)

Model	Adjuster option			
	Without adjuster	Rubber stopper	Metal stopper with bumper	Shock absorber/RJ
GMXQ6A	0.6	0.6	—	0.6
GMXQ8A	1	1	1	1
GMXQ12A	2	2	2	1.5
GMXQ16A	4	4	4	2.5
GMXQ20A	6	6	6	6
GMXQ25A	9	9	9	6

Allowable Kinetic Energy

(J)

Model	Adjuster option			
	Without adjuster	Rubber stopper	Metal stopper with bumper	Shock absorber/RJ
GMXQ6A	0.026	0.051	—	0.14
GMXQ8A	0.033	0.053	0.016	0.17
GMXQ12A	0.09	0.11	0.034	0.24
GMXQ16A	0.1	0.18	0.07	0.61
GMXQ20A	0.2	0.34	0.10	1.2
GMXQ25A	0.32	0.51	0.15	1.3

Theoretical Output

(mm)	Bore size	(mm)	Rod size	Operating direction	(mm²)	Operating pressure (Mpa)						
						0.2	0.3	0.4	0.5	0.6	0.7	
6	3			OUT	57	11	17	23	29	34	40	
				IN	42	8	13	17	21	25	29	
				OUT	101	20	30	40	51	61	71	
				IN	75	15	23	30	38	45	53	
8	4			OUT	226	45	68	90	113	136	158	
				IN	170	34	51	68	85	102	119	
				OUT	402	80	121	161	201	241	281	
				IN	346	69	104	138	173	207	242	
12	6			OUT	628	126	188	251	314	377	440	
				IN	528	106	158	211	264	317	369	
				OUT	982	196	295	393	491	589	687	
				IN	825	165	247	330	412	495	577	

The dual rod ensures an output twice that of current cylinders.

Profile, SUS Tube

Stents Module

Quick Changer

Grip Module

Air Nipper

Vacuum Module

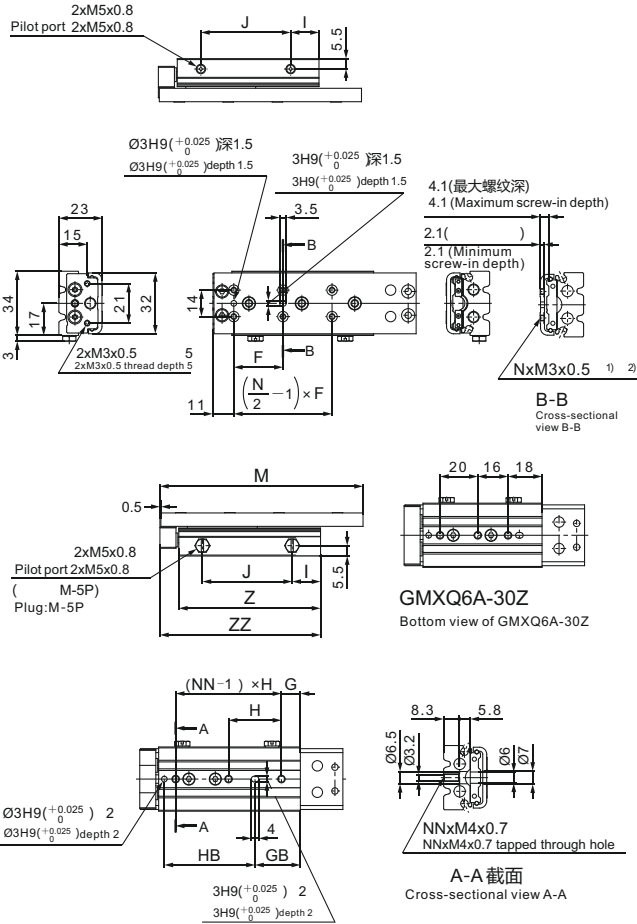
Accessories Components

GMXQA Havalı Kayar Tablalı İki Portlu Tip Air Slide Table Double-ported Type GMXQA Series

NEW



GMXQ6A-Z Standard type



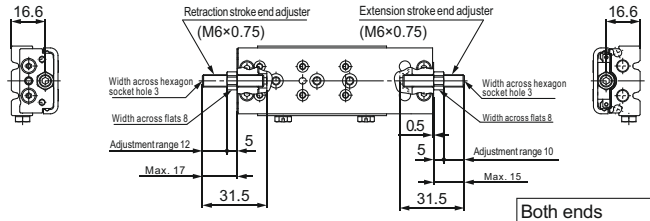
* 1 If long bolts are used, they may touch the guide block and cause a malfunction, etc. Use a screw which has an intermediate length between the maximum screw-in depth and minimum screw-in depth.

* 2 Since the table is made of a magnetic substance, it could become magnetized if touched by a magnet, etc. This could cause malfunction.

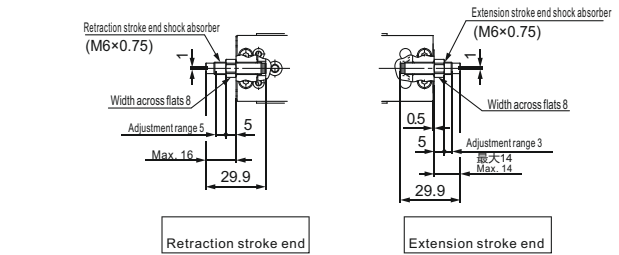
Dimensions (mm)						
(Model)	F	G	GB	H	HB	I
GMXQ6A-10Z	22	18	9	23	38	10
GMXQ6A-20Z	25	15	9	26	38	10
GMXQ6A-30Z	21	-	12	-	48	13
GMXQ6A-40Z	26	10	24	28	48	15
GMXQ6A-50Z	27	20	34	28	48	15
(Model)	J	M	N	NN	Z	ZZ
GMXQ6A-10Z	27.5	64.5	4	2	50	60
GMXQ6A-20Z	27.5	74.5	4	2	50	60
GMXQ6A-30Z	37.5	95.5	6	3	63	73
GMXQ6A-40Z	47.5	107.5	6	3	75	85
GMXQ6A-50Z	57.5	117.5	6	3	85	95

With adjuster option

Rubber stopper ☐ ZD : Both ends, ☐ ZE : Extension stroke end, ☐ ZF : Retraction stroke end, ☐ ZP : Retraction stroke end (Shorter total length type)

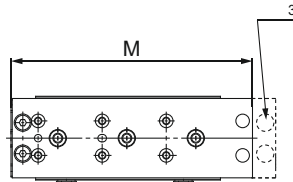


Shock absorber/RJ ☐ ZG : Both ends, ☐ ZH : Extension stroke end, ☐ ZJ : Retraction stroke end, ☐ ZQ : Retraction stroke end (Shorter total length type)



* Dimensions other than those listed above are the same as those for the standard type.

GMXQ6A-□ZN Shorter total length type



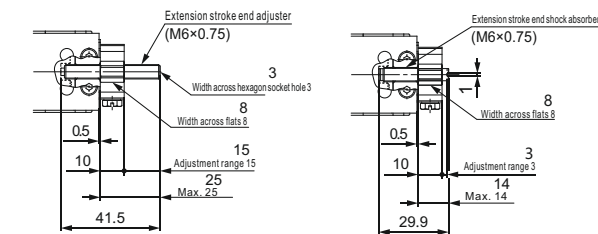
(Model)	M
GMXQ6A-10ZN	55
GMXQ6A-20ZN	65
GMXQ6A-30ZN	86
GMXQ6A-40ZN	98
GMXQ6A-50ZN	108

* Dimensions other than those listed above are the same as those for the standard type.

* 3 As the total length has been reduced by removing the extension stroke end adjuster mounting holes, an extension stroke end adjuster cannot be mounted afterward. (Retraction stroke end adjusters can be mounted afterward.)

GMXQ6A-□□2 With end lock, extension stroke end adjuster (Ø6)

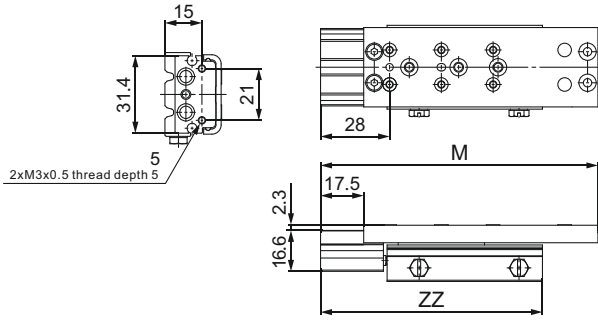
Rubber stopper: ☐ ZE Shock absorber/RJ: ☐ ZH



* Dimensions other than those listed above are the same as those for the standard type.

Select the long adjustment nut and bolt specification (-X28) when an end lock and extension stroke end adjuster are used together. However, the product number suffix (-X28) is not required. The stroke adjustment range is different from the adjuster of the standard product. A retraction stroke end adjuster cannot be mounted to the end lock.

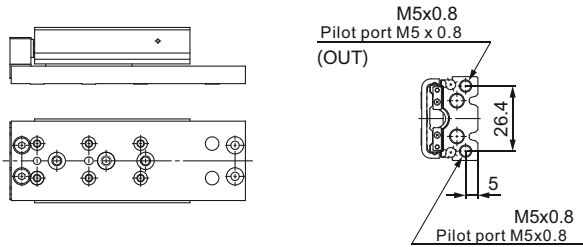
GMXQ6A-1 With buffer (Ø6)



* Dimensions other than those listed above are the same as those for the standard type.

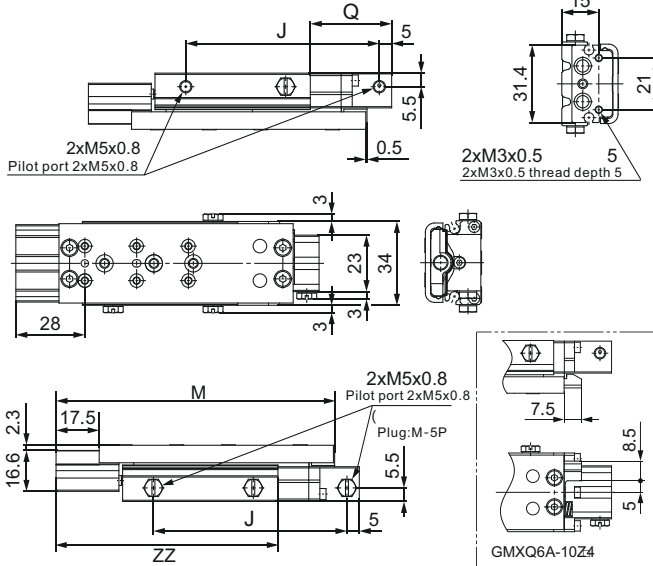
(Model)	Standard type M	Shorter total length type M	ZZ
GMXQ6A-10Z□1	81.5	72	77
GMXQ6A-20Z□1	91.5	82	77
GMXQ6A-30Z□1	112.5	103	90
GMXQ6A-40Z□1	124.5	115	102
GMXQ6A-50Z□1	134.5	125	112

GMXQ6A-□□3) GMXQ6A-□□3Axial piping (Ø6)



* Dimensions other than those listed above are the same as those for the standard type.

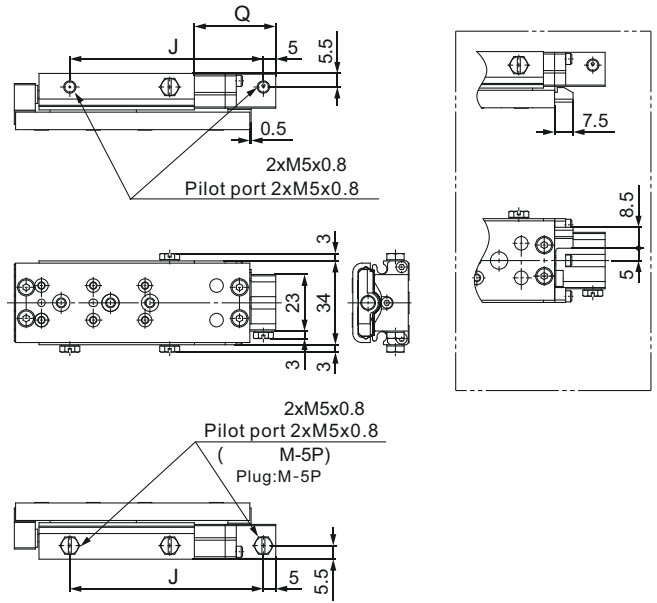
GMXQ6A-□□4 GMXQ6A-□□4With buffer, end lock (Ø6)



* Dimensions other than those listed above are the same as those for the standard type.

(Model)	J	Q	Standard type M	Shorter total length type M	ZZ
GMXQ6A-10Z□4	57.5	25	81.5	72	77
GMXQ6A-20Z□4	57.5	25	91.5	82	77
GMXQ6A-30Z□4	78.5	33	112.5	103	90
GMXQ6A-40Z□4	90.5	33	124.5	115	102
GMXQ6A-50Z□4	100.5	33	134.5	125	112

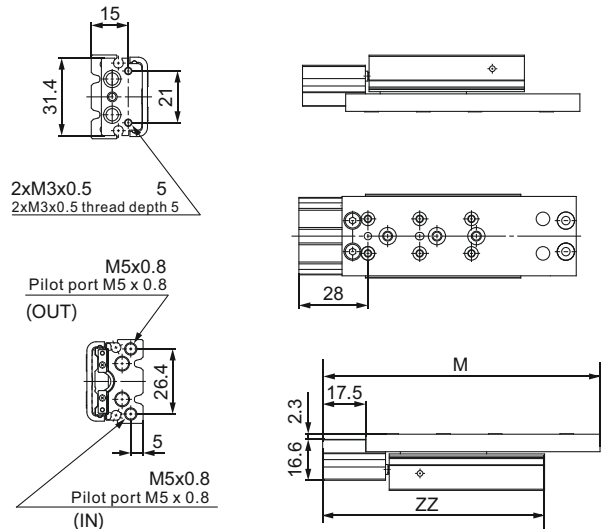
GMXQ6A-2 With end lock (Ø6)



* Dimensions other than those listed above are the same as those for the standard type.

(Model)	J	Q
GMXQ6A-10Z□2	57.5	25
GMXQ6A-20Z□2	57.5	25
GMXQ6A-30Z□2	78.5	33
GMXQ6A-40Z□2	90.5	33
GMXQ6A-50Z□2	100.5	33

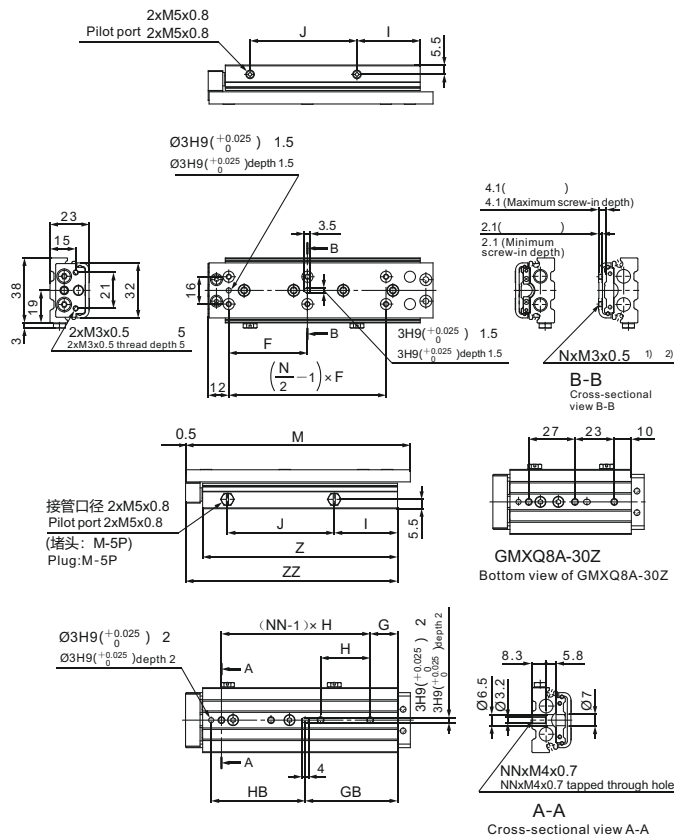
GMXQ6A-□□5 GMXQ6A-□□5 With buffer, axial piping (Ø6)



* Dimensions other than those listed above are the same as those for the standard type.

(Model)	Standard type M	Shorter total length type M	ZZ
GMXQ6A-10Z□5	81.5	72	77
GMXQ6A-20Z□5	91.5	82	77
GMXQ6A-30Z□5	112.5	103	90
GMXQ6A-40Z□5	124.5	115	102
GMXQ6A-50Z□5	134.5	125	112

GMXQ8A-Z Standard type

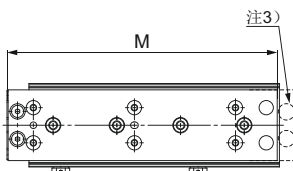


* 1 If long bolts are used, they may touch the guide block and cause a malfunction, etc. Use a screw which has an intermediate length between the maximum screw-in depth and minimum screw-in depth.

* 2 Since the table is made of a magnetic substance, it could become magnetized if touched by a magnet, etc. This could cause interference with the function.

Dimensions (mm)	Function.					
(Model)	F	G	GB	H	HB	I
GMXQ8A-10Z	25	15	9	25	37	10
GMXQ8A-20Z	25	22	16	28	40	14
GMXQ8A-30Z	26	-	26	-	40	14.5
GMXQ8A-40Z	32	14	27	31	55	20
GMXQ8A-50Z	46	16	54	29	55	37
GMXQ8A-75Z	50	15	56	30	55	10
(Model)	J	M	N	NN	Z	ZZ
GMXQ8A-10Z	26.5	68.5	4	2	51	61
GMXQ8A-20Z	32.5	78.5	4	2	61	71
GMXQ8A-30Z	42	88.5	6	3	71	81
GMXQ8A-40Z	52.5	104.5	6	3	87	97
GMXQ8A-50Z	62.5	131.5	6	3	114	124
GMXQ8A-75Z	91.5	156.5	6	4	116	126

GMXQ8A-□ZN Shortertotallengthtype



(Model)	M
GMXQ8A-10ZN	60
GMXQ8A-20ZN	70
GMXQ8A-30ZN	80
GMXQ8A-40ZN	96
GMXQ8A-50ZN	123
GMXQ8A-75ZN	148

* Dimensions other than those listed above are the same as those for the standard type.

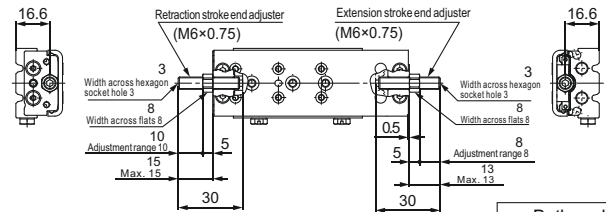
*3 As the total length has been reduced by removing the extension stroke end adjuster mounting holes, an extension stroke end adjuster cannot be mounted afterward. (Retraction stroke end adjusters can be mounted afterward.)

GMXQ8A-□□

GMXQ8A-□□ With adjuster option (08)

☐ Metal stopper with bumper ☐ **ZA** : Both ends, ☐ **ZB** : Extension stroke end, ☐ **ZC** : Retraction stroke end,

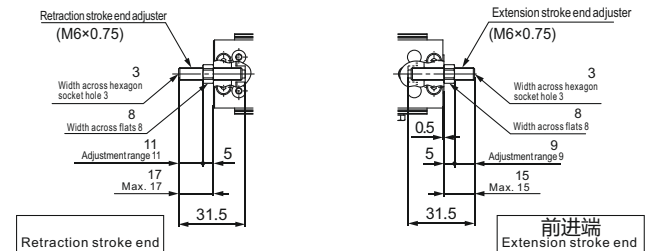
ZS :Retraction stroke end (Shorter total length type)



* Dimensions other than those listed above are the same as those for the standard type.

Rubber stopper ☐ **ZD** : Both ends, ☐ **ZE** : Extension stroke end, ☐ **ZF** : Retraction stroke end,

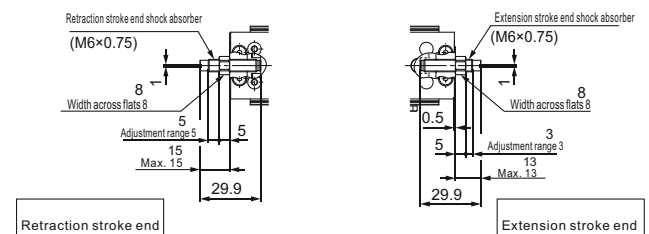
ZP : Retraction stroke end (Shorter total length type)



* Dimensions other than those listed above are the same as those for the standard type.

Shock absorber/RJ **ZG** :Both ends, **ZH** :Extension stroke end, **ZJ** :Retraction stroke end,

 ZQ : Retraction stroke end (Shorter total length type)

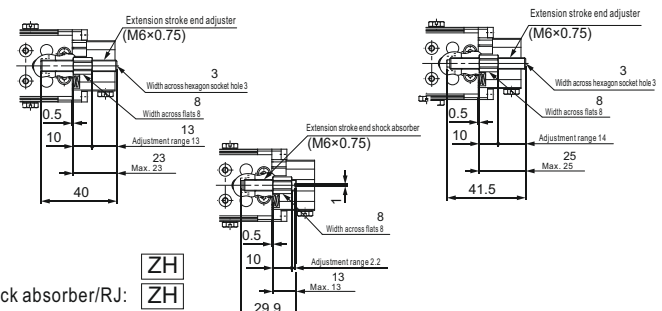


* Dimensions other than those listed above are the same as those for the standard type.

GMXQ8A-□□2 With adjuster option (08)

Metal stopper with bumper: ZB

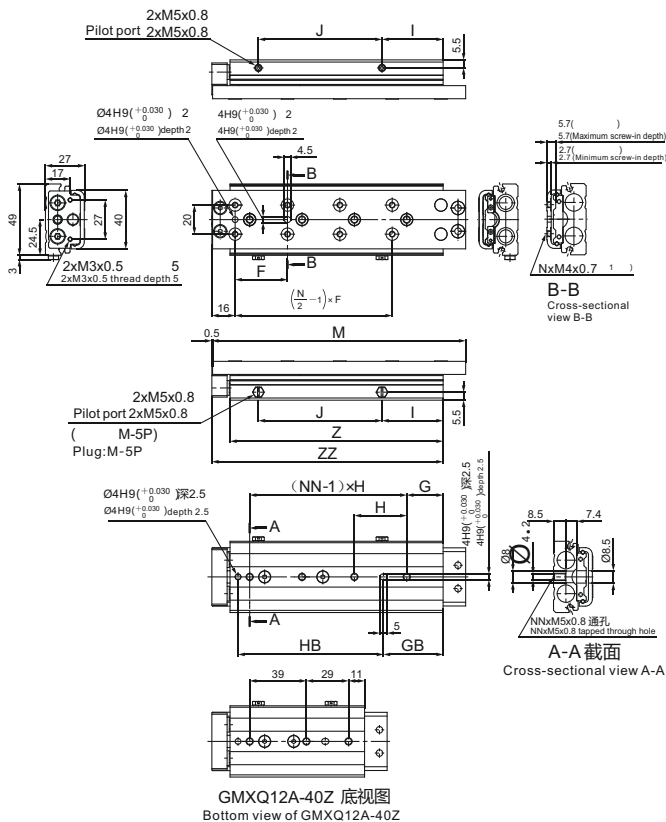
Rubber stopper: ZE



Shock absorber/RJ:

* Dimensions other than those listed above are the same as those for the standard type.

GMXQ12A-Z Standard type



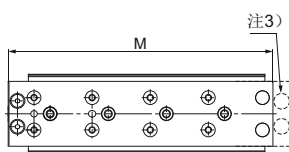
- * 1 If long bolts are used, they may touch the guide block and cause a malfunction, etc. Use a screw which has an intermediate length between the maximum screw-in depth and minimum screw-in depth.

- * 2 Since the table is made of a magnetic substance, it could become magnetized if touched by a magnet, etc. This could cause the auto-switch to malfunction.

(Model)	F	G	GB	H	HB	I
GMXQ12A-10Z	28	17	11	32	46	11
GMXQ12A-20Z	28	19	11	32	48	13
GMXQ12A-30Z	38	21	11	40	58	15
GMXQ12A-40Z	34	-	27	-	60	23
GMXQ12A-50Z	34	11	37	39	60	23
GMXQ12A-75Z	36	25	41	36	100	42
GMXQ12A-100Z	36	14	66	36	100	42

(Model)	J	M	N	NN	Z	ZZ
GMXQ12A-10Z	32	82.5	4	2	62.5	75
GMXQ12A-20Z	32	92.5	4	2	64.5	77
GMXQ12A-30Z	40	102.5	4	2	74.5	87
GMXQ12A-40Z	50	120.5	6	3	92.5	105
GMXQ12A-50Z	60	130.5	6	3	102.5	115
GMXQ12A-75Z	85	174.5	8	3	146.5	159
GMXQ12A-100Z	110	199.5	10	4	171.5	184

GMXQ12A-□ZN Shortertotallengthtype



(Model)	M
GMXQ12A-10ZN	72
GMXQ12A-20ZN	82
GMXQ12A-30ZN	92
GMXQ12A-40ZN	110
GMXQ12A-50ZN	120
GMXQ12A-75ZN	164
GMXQ12A-100ZN	189

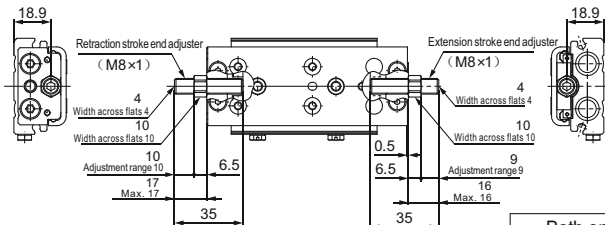
* Dimensions other than those listed above are the same as those for the standard type.

*3 As the total length has been reduced by removing the extension stroke end adjuster mounting holes, an extension stroke end adjuster cannot be mounted afterward. (Retraction stroke end adjusters can be mounted afterward.)

GMXQ12A-□□ With adjuster option (Ø12)

Metal stopper with bumper ☐ **ZA** : Both ends, ☐ **ZB** : Extension stroke end, ☐ **ZC** : Retraction stroke end,

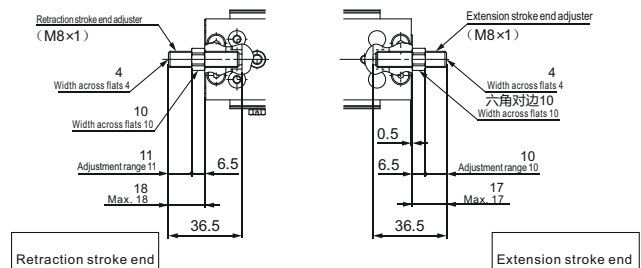
ZS :Retraction stroke end (Shorter total length type)



* Dimensions other than those listed above are the same as those for the standard type.

Rubber stopper ☐ **ZD** : Both ends, ☐ **ZE** : Extension stroke end, ☐ **ZF** : Retraction stroke end,

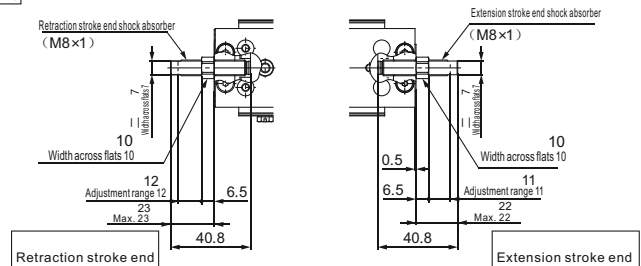
ZP : Retraction stroke end (Shorter total length type)



* Dimensions other than those listed above are the same as those for the standard type.

Shock absorber/RJ **ZG** :Both ends, **ZH** :Extension stroke end, **ZJ** :Retraction stroke end,

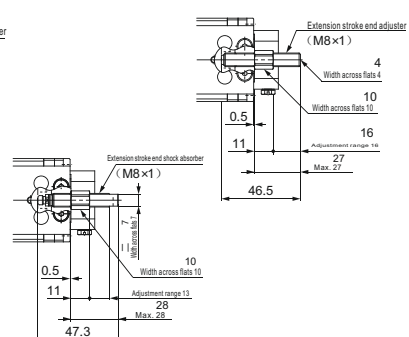
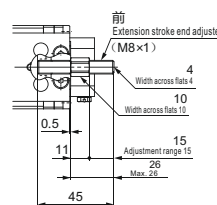
ZQ : Retraction stroke end (Shorter total length type)



* Dimensions other than those listed above are the same as those for the standard type.

GMXQ 12A-□□2 With end lock, extension stroke end adjuster (01

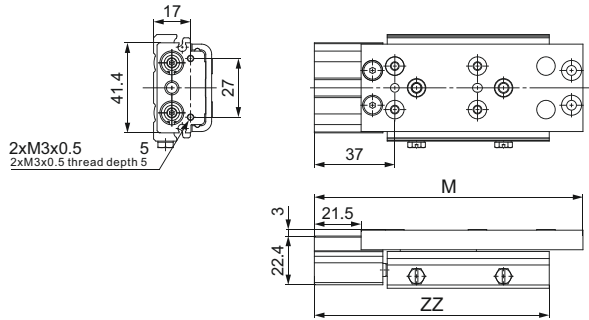
Metal stopper with bumper	ZB
---------------------------	----

Rubber stopper: **ZE**

Shock absorber/RJ: ZH

* Dimensions other than those listed above are the same as those for the standard type.

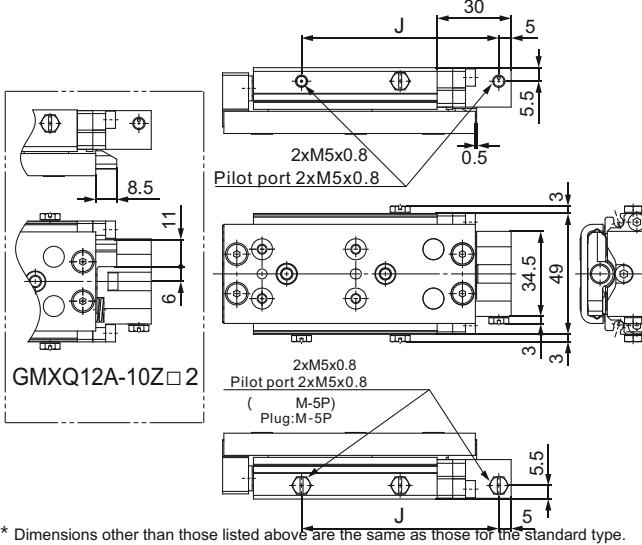
GMXQ12A-□□1 With buffer (Ø12)



* Dimensions other than those listed above are the same as those for the standard type.

(Model)	Standard type	Shorter total length type	ZZ
	M	M	
GMXQ12A-10Z□1	103.5	93	96
GMXQ12A-20Z□1	113.5	103	98
GMXQ12A-30Z□1	123.5	113	108
GMXQ12A-40Z□1	141.5	131	126
GMXQ12A-50Z□1	151.5	141	136
GMXQ12A-75Z□1	195.5	185	180
GMXQ12A-100Z□1	220.5	210	205

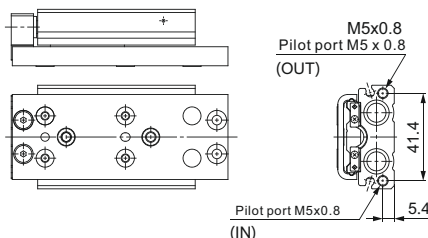
GMXQ12A-□□2 With end lock (Ø12)



* Dimensions other than those listed above are the same as those for the standard type.

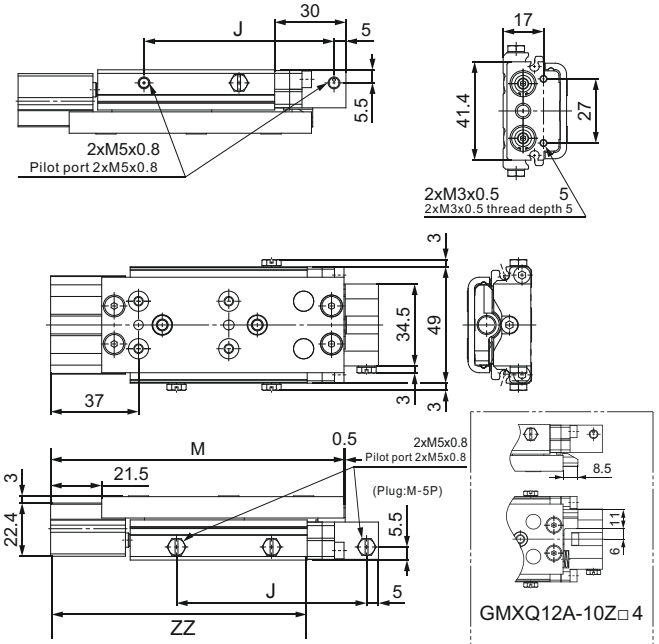
(Model)	J
GMXQ12A-10Z□2	68
GMXQ12A-20Z□2	70
GMXQ12A-30Z□2	80
GMXQ12A-40Z□2	98
GMXQ12A-50Z□2	108
GMXQ12A-75Z□2	152
GMXQ12A-100Z□2	177

GMXQ12A-□□3 Axial piping (Ø12)



* Dimensions other than those listed above are the same as those for the standard type.

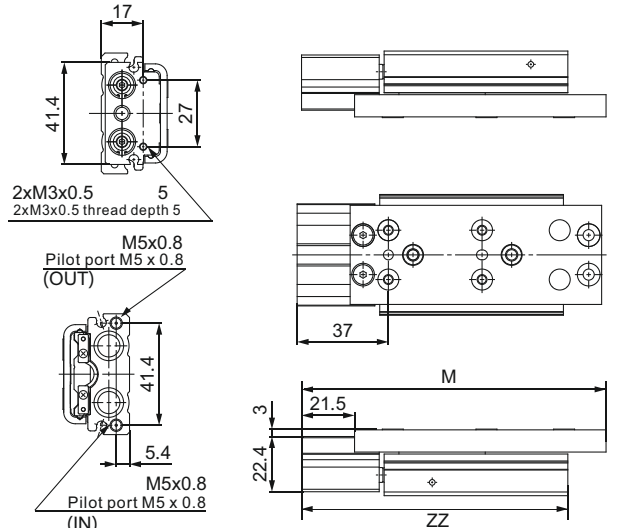
GMXQ12A-□□4 With buffer, end lock (Ø12)



* Dimensions other than those listed above are the same as those for the standard type.

(Model)	J	Standard type	Shorter total length type	ZZ
		M	M	
GMXQ12A-10Z□4	68	103.5	93	96
GMXQ12A-20Z□4	70	113.5	103	98
GMXQ12A-30Z□4	80	123.5	113	108
GMXQ12A-40Z□4	98	141.5	131	126
GMXQ12A-50Z□4	108	151.5	141	136
GMXQ12A-75Z□4	152	195.5	185	180
GMXQ12A-100Z□4	177	220.5	210	205

GMXQ12A-□□5 With buffer, axial piping (Ø12)



* Dimensions other than those listed above are the same as those for the standard type.

(Model)	Standard type	Shorter total length type	ZZ
	M	M	
GMXQ12A-10Z□5	103.5	93	96
GMXQ12A-20Z□5	113.5	103	98
GMXQ12A-30Z□5	123.5	113	108
GMXQ12A-40Z□5	141.5	131	126
GMXQ12A-50Z□5	151.5	141	136
GMXQ12A-75Z□5	195.5	185	180
GMXQ12A-100Z□5	220.5	210	205

Profile Profiler

Stents Module

Bağlantı Modülleri



- Grip Module**
Tutucu Modüller

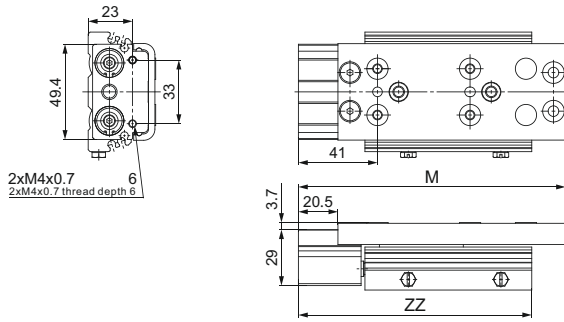
Air Nipper Havai Kesiciler

Vacuum Module Vakum Modülleri

Accessory Components
Aksesuar Komponentleri



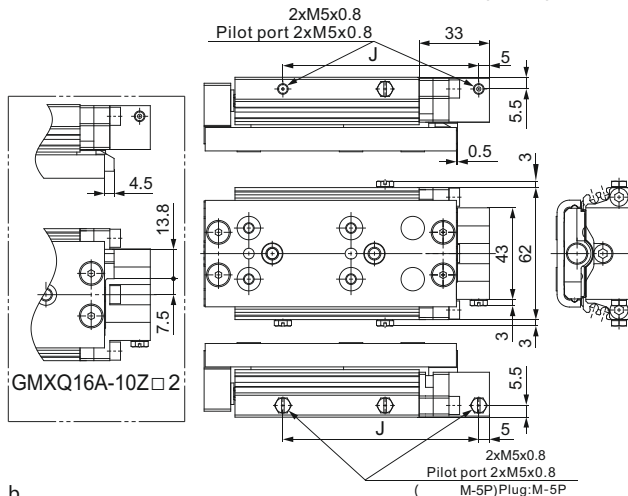
GMXQ16A-□□1 With buffer (Ø16)



* Dimensions other than those listed above are the same as those for the standard type.

(Model)	Standard type	Shorter total length type	ZZ
	M	M	
GMXQ16A-10Z□1	118.5	105	107
GMXQ16A-20Z□1	128.5	115	111
GMXQ16A-30Z□1	138.5	125	121
GMXQ16A-40Z□1	155.5	142	138
GMXQ16A-50Z□1	165.5	152	148
GMXQ16A-75Z□1	196.5	183	179
GMXQ16A-100Z□1	240.5	227	223
GMXQ16A-125Z□1	265.5	252	248

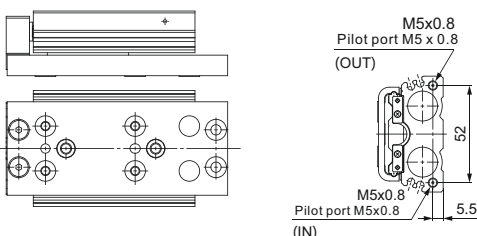
GMXQ16A□□2 With end lock (Ø16)



b
* Dimensions other than those listed above are the same as those for the standard type.

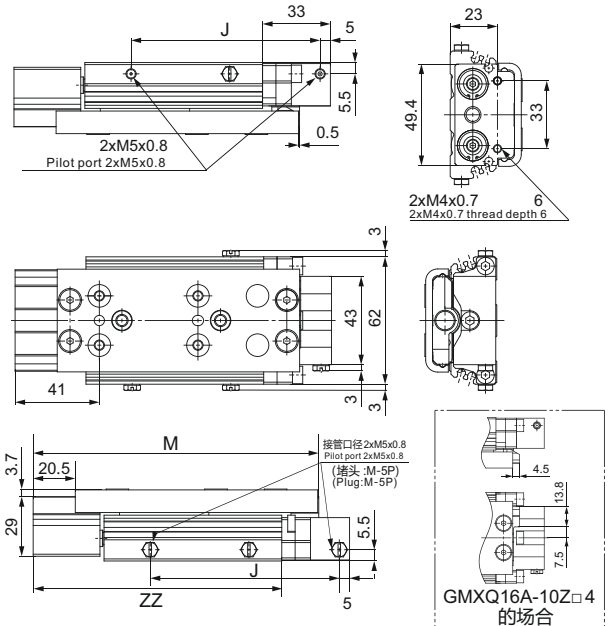
(Model)	J
GMXQ16A-10Z□2	78
GMXQ16A-20Z□2	82
GMXQ16A-30Z□2	92
GMXQ16A-40Z□2	109
GMXQ16A-50Z□2	119
GMXQ16A-75Z□2	150
GMXQ16A-100Z□2	194
GMXQ16A-125Z□2	219

GMXQ16A-□□3 Axial piping (Ø16)



* Dimensions other than those listed above are the same as those for the standard type.

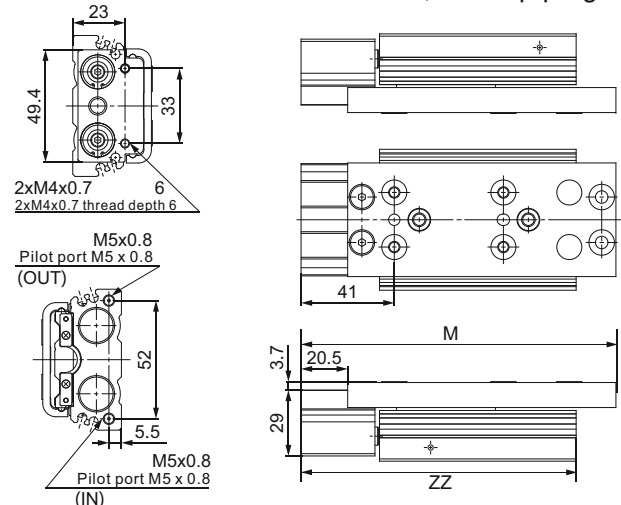
GMXQ16A-□□4 With buffer, end lock (Ø16)



* Dimensions other than those listed above are the same as those for the standard type.

(Model)	J	Standard type	Shorter total length type	ZZ
		M	M	
GMXQ16A-10Z□4	78	118.5	105	107
GMXQ16A-20Z□4	82	128.5	115	111
GMXQ16A-30Z□4	92	138.5	125	121
GMXQ16A-40Z□4	109	155.5	142	138
GMXQ16A-50Z□4	119	165.5	152	148
GMXQ16A-75Z□4	150	196.5	183	179
GMXQ16A-100Z□4	194	240.5	227	223
GMXQ16A-125Z□4	219	265.5	252	248

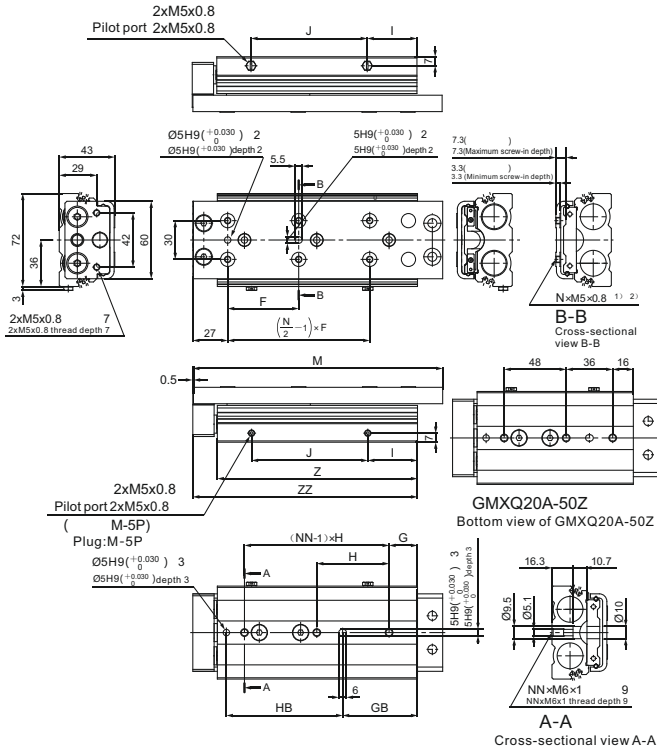
GMXQ16A-□□5 With buffer, axial piping (Ø16)



* Dimensions other than those listed above are the same as those for the standard type.

(Model)	Standard type	Shorter total length type	ZZ
	M	M	
GMXQ16A-10Z□5	118.5	105	107
GMXQ16A-20Z□5	128.5	115	111
GMXQ16A-30Z□5	138.5	125	121
GMXQ16A-40Z□5	155.5	142	138
GMXQ16A-50Z□5	165.5	152	148
GMXQ16A-75Z□5	196.5	183	179
GMXQ16A-100Z□5	240.5	227	223
GMXQ16A-125Z□5	265.5	252	248

GMXQ20A-Z Standard type



* 1 If long bolts are used, they may touch the guide block and cause a malfunction, etc. Use a screw which has an intermediate length between the maximum screw-in depth and minimum screw-in depth.

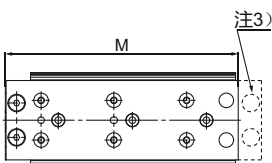
* 2 Since the table is made of a magnetic substance, it could become magnetized if touched by a magnet, etc. This could cause an auto switch malfunction.

Dimensions

(Model)	F	G	GB	H	HB	I
GMXQ20A-10Z	45	18	8	46	70	24.5
GMXQ20A-20Z	40	18	8	46	70	24.5
GMXQ20A-30Z	48	28	18	46	70	22.5
GMXQ20A-40Z	58	28	18	56	80	22.5
GMXQ20A-50Z	42	-	34	-	80	30.5
GMXQ20A-75Z	55	22	58	56	90	38.5
GMXQ20A-100Z	50	16	108	56	90	63.5
GMXQ20A-125Z	55	32	133	59	90	63.5
GMXQ20A-150Z	62	48	158	62	90	63.5

(Model)	J	M	N	NN	Z	ZZ
GMXQ20A-10Z	34	113.5	4	2	85	104
GMXQ20A-20Z	34	123.5	4	2	85	104
GMXQ20A-30Z	46	133.5	4	2	95	114
GMXQ20A-40Z	56	143.5	4	2	105	124
GMXQ20A-50Z	64	159.5	6	3	121	140
GMXQ20A-75Z	90	193.5	6	3	155	174
GMXQ20A-100Z	115	266.5	8	4	205	224
GMXQ20A-125Z	140	291.5	8	4	230	249
GMXQ20A-150Z	165	316.5	8	4	255	274

GMXQ20A-□ZN Shortertotallengthtype



(Model)	M
GMXQ20A-10ZN	96
GMXQ20A-20ZN	106
GMXQ20A-30ZN	116
GMXQ20A-40ZN	126
GMXQ20A-50ZN	142
GMXQ20A-75ZN	176
GMXQ20A-100ZN	249
GMXQ20A-125ZN	274
GMXQ20A-150ZN	299

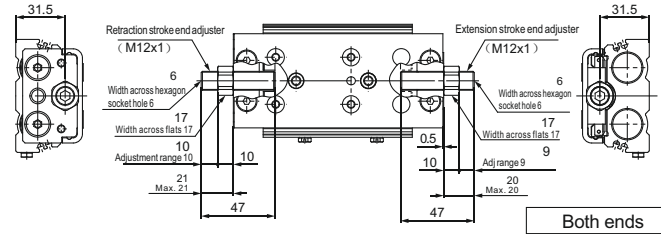
* Dimensions other than those listed above are the same as those for the standard type.

*3 As the total length has been reduced by removing the extension stroke end adjuster mounting holes, an extension stroke end adjuster cannot be mounted afterward. (Retraction stroke end adjusters can be mounted afterward.)

GMXQ20A-□□ With adjuster option (Ø20)

☐ Metal stopper with bumper ☐ **ZA** : Both ends, ☐ **ZB** : Extension stroke end, ☐ **ZC** : Retraction stroke end,

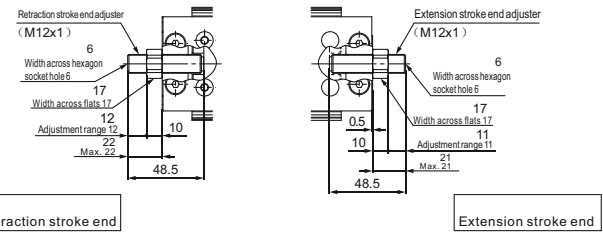
ZS :Retraction stroke end (Shorter total length type)



* Dimensions other than those listed above are the same as those for the standard type.

Rubber stopper ☐ **ZD** : Both ends, ☐ **ZE** : Extension stroke end, ☐ **ZF** : Retraction stroke end,

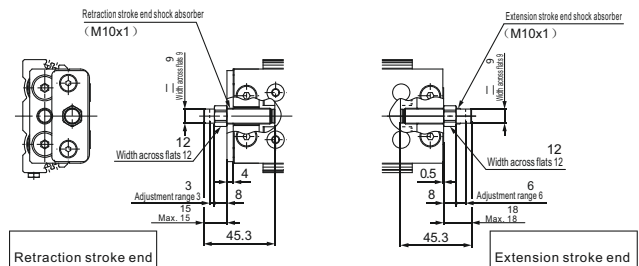
ZP : Retraction stroke end (Shorter total length type)



* Dimensions other than those listed above are the same as those for the standard type.

Shock absorber/RJ  : Both ends,  : Extension stroke end,  : Retraction stroke end,

ZQ : Retraction stroke end (Shorter total length type)

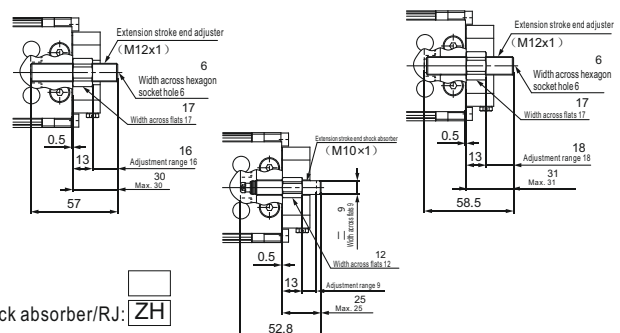


* Dimensions other than those listed above are the same as those for the standard type.

GMXQ20A-□□2 With end lock, extension stroke end adjuster (Ø20)

Metal stopper with bumper: ZB

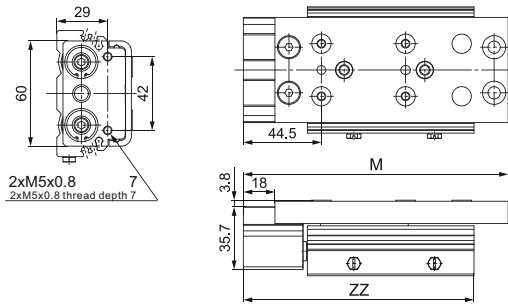
Rubber stopper: ZE



Shock absorber/RJ:

* Dimensions other than those listed above are the same as those for the standard type.

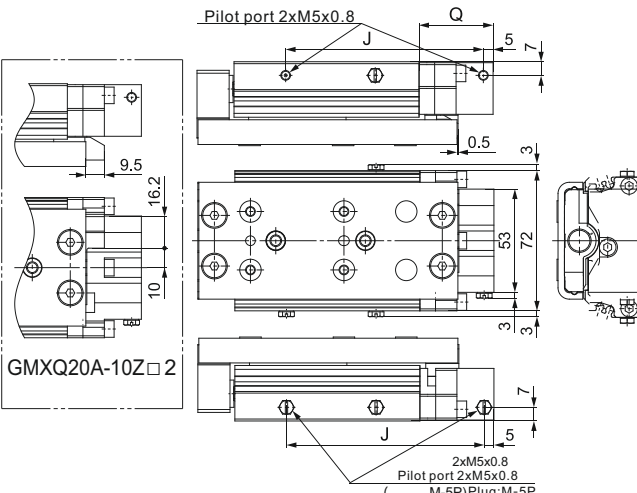
GMXQ20A-□□1 With buffer (Ø20)



* Dimensions other than those listed above are the same as those for the standard type.

(Model)	Standard type	Shorter total length type	ZZ
	M	M	
GMXQ20A-10Z□1	131	113.5	121.5
GMXQ20A-20Z□1	141	123.5	121.5
GMXQ20A-30Z□1	151	133.5	131.5
GMXQ20A-40Z□1	161	143.5	141.5
GMXQ20A-50Z□1	177	159.5	157.5
GMXQ20A-75Z□1	211	193.5	191.5
GMXQ20A-100Z□1	284	266.5	241.5
GMXQ20A-125Z□1	309	291.5	266.5
GMXQ20A-150Z□1	334	316.5	291.5

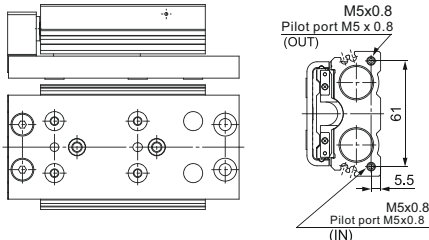
GMXQ 20A □□ 2 With end lock (Ø20)



* Dimensions other than those listed above are the same as those for the standard type.

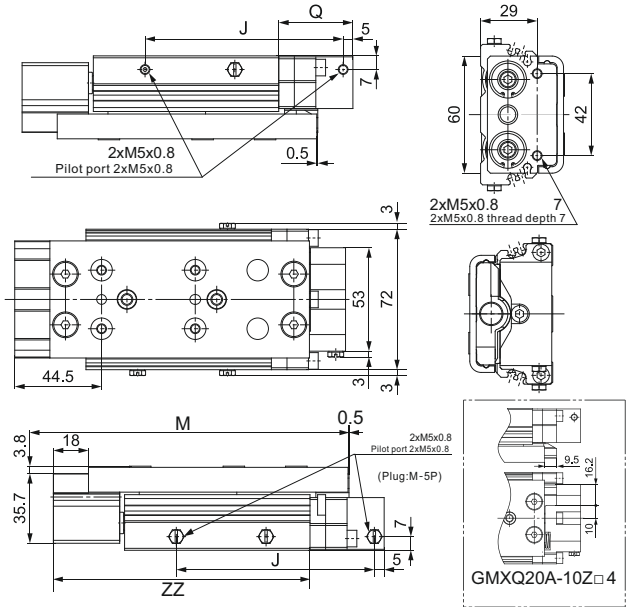
(Model)	J	Q
GMXQ20A-10Z□2	91.5	38
GMXQ20A-20Z□2	91.5	38
GMXQ20A-30Z□2	101.5	38
GMXQ20A-40Z□2	111.5	38
GMXQ20A-50Z□2	127.5	38
GMXQ20A-75Z□2	161.5	38
GMXQ20A-100Z□2	234.5	61
GMXQ20A-125Z□2	259.5	61
GMXQ20A-150Z□2	284.5	61

GMXQ20A-□□3 Axial piping (Ø20)



* Dimensions other than those listed above are the same as those for the standard type.

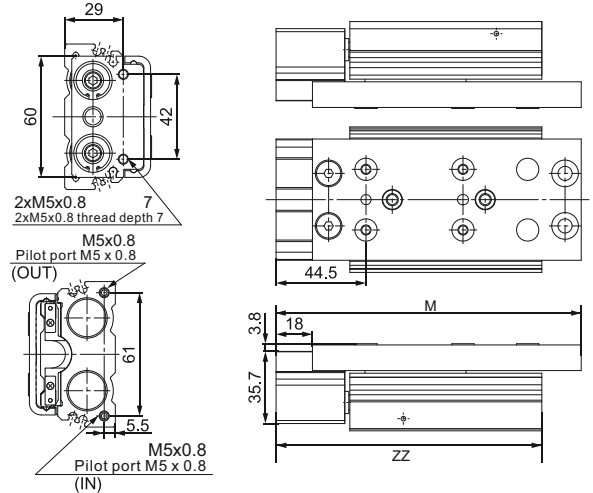
GMXQ20A-□□4 With buffer, end lock (Ø20)



* Dimensions other than those listed above are the same as those for the standard type.

型号 (Model)	J	Q	Standard type	Shorter total length type	ZZ
			M	M	
GMXQ20A-10Z□4	91.5	38	131	113.5	121.5
GMXQ20A-20Z□4	91.5	38	141	123.5	121.5
GMXQ20A-30Z□4	101.5	38	151	133.5	131.5
GMXQ20A-40Z□4	111.5	38	161	143.5	141.5
GMXQ20A-50Z□4	127.5	38	177	159.5	157.5
GMXQ20A-75Z□4	161.5	38	211	193.5	191.5
GMXQ20A-100Z□4	234.5	61	284	266.5	241.5
GMXQ20A-125Z□4	259.5	61	309	291.5	266.5
GMXQ20A-150Z□4	284.5	61	334	316.5	291.5

GMXQ20A □□ 5 With buffer, axial piping (Ø20)



* Dimensions other than those listed above are the same as those for the standard type.

(Model)	Standard type	Shorter total length type	ZZ
	M	M	
GMXQ20A-10Z□5	131	113.5	121.5
GMXQ20A-20Z□5	141	123.5	121.5
GMXQ20A-30Z□5	151	133.5	131.5
GMXQ20A-40Z□5	161	143.5	141.5
GMXQ20A-50Z□5	177	159.5	157.5
GMXQ20A-75Z□5	211	193.5	191.5
GMXQ20A-100Z□5	284	266.5	241.5
GMXQ20A-125Z□5	309	291.5	266.5
GMXQ20A-150Z□5	334	316.5	291.5

Profile Profiler

Stents Module

Bağlantı Modülleri



Grip Module
Tutucu Modüller

Air Nipper Havai Kesiciler

Vacuum Module Vakum Modülleri

Accessory Components



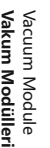
Stents Module

Bağlantı Modülleri

Quick Changer Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper Havalı Kesiciler

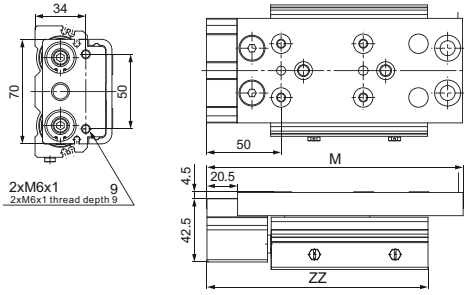


Accessory Components

Metal stopper with bumper ZB Rubber stopper: ZE



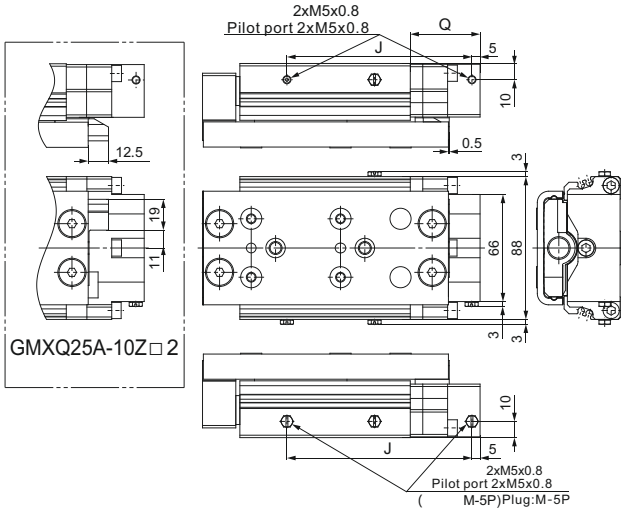
GMXQ25A-□□1 With buffer (Ø25)



* Dimensions other than those listed above are the same as those for the standard type.

(Model)	Standard type		ZZ
	M	Shorter total length type	
GMXQ25A-10Z□1	151.5	130	138
GMXQ25A-20Z□1	161.5	140	138
GMXQ25A-30Z□1	171.5	150	148
GMXQ25A-40Z□1	181.5	160	158
GMXQ25A-50Z□1	204.5	183	181
GMXQ25A-75Z□1	229.5	208	206
GMXQ25A-100Z□1	270.5	249	217
GMXQ25A-125Z□1	334.5	313	281
GMXQ25A-150Z□1	359.5	338	306

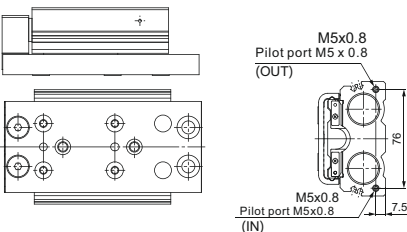
GMXQ 25A □□ 2 With end lock (Ø25)



* Dimensions other than those listed above are the same as those for the standard type.

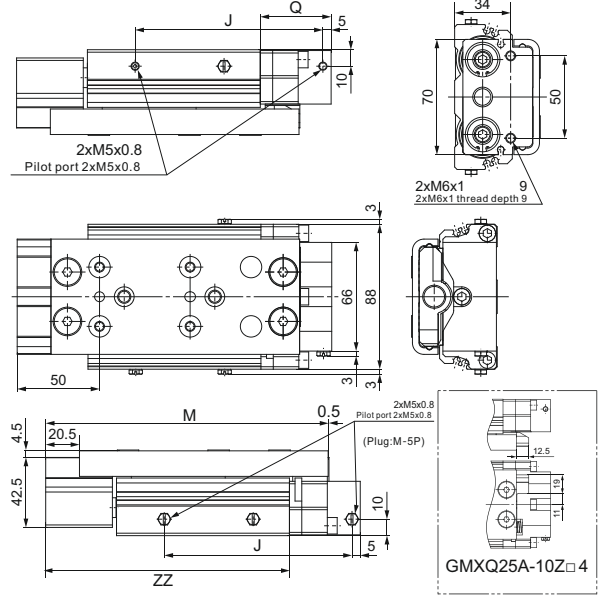
(Model)	Standard type		ZZ
	J	Q	
GMXQ25A-10Z□2	109	48	138
GMXQ25A-20Z□2	104	43	138
GMXQ25A-30Z□2	114	43	148
GMXQ25A-40Z□2	124	43	158
GMXQ25A-50Z□2	147	43	181
GMXQ25A-75Z□2	172	43	206
GMXQ25A-100Z□2	213	73	217
GMXQ25A-125Z□2	277	73	281
GMXQ25A-150Z□2	302	73	306

GMXQ25A-□□3 Axial piping (Ø25)



* Dimensions other than those listed above are the same as those for the standard type.

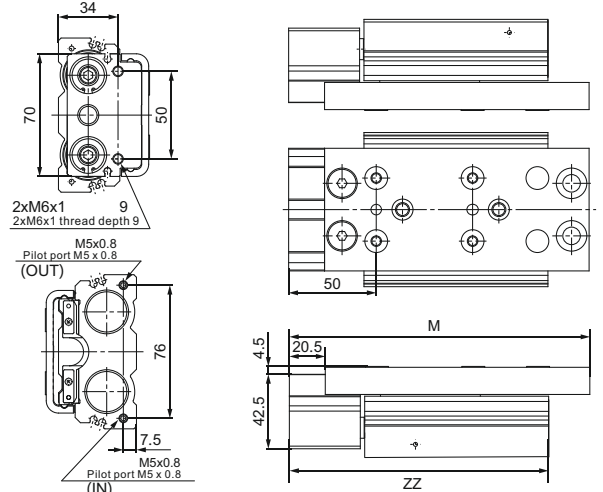
GMXQ25A-□□4 With buffer, end lock (Ø25)



* Dimensions other than those listed above are the same as those for the standard type.

(Model)	J	Q	Standard type		ZZ
			M	Shorter total length type	
GMXQ25A-10Z□4	109	48	151.5	130	138
GMXQ25A-20Z□4	104	43	161.5	140	138
GMXQ25A-30Z□4	114	43	171.5	150	148
GMXQ25A-40Z□4	124	43	181.5	160	158
GMXQ25A-50Z□4	147	43	204.5	183	181
GMXQ25A-75Z□4	172	43	229.5	208	206
GMXQ25A-100Z□4	213	73	270.5	249	217
GMXQ25A-125Z□4	277	73	334.5	313	281
GMXQ25A-150Z□4	302	73	359.5	338	306

GMXQ25A- 5 With buffer, axial piping (Ø25)



* Dimensions other than those listed above are the same as those for the standard type.

(Model)	Standard type		ZZ
	M	Shorter total length type	
GMXQ25A-10Z□5	151.5	130	138
GMXQ25A-20Z□5	161.5	140	138
GMXQ25A-30Z□5	171.5	150	148
GMXQ25A-40Z□5	181.5	160	158
GMXQ25A-50Z□5	204.5	183	181
GMXQ25A-75Z□5	229.5	208	206
GMXQ25A-100Z□5	270.5	249	217
GMXQ25A-125Z□5	334.5	313	281
GMXQ25A-150Z□5	359.5	338	306

GMXS Serisi Havalı Kayar Tabla Air Slide Table GMXS Series

NEW



Model	GMXS6	GMXS8	GMXS12	GMXS16	GMXS20	GMXS25
(mm) Bore size (mm)	Ø 6x2 (Ø 8)	Ø 8x2 (Ø 11)	Ø 12x2 (Ø 17)	Ø 16x2 (Ø 22)	Ø 20x2 (Ø 28)	Ø 25x2 (Ø 35)
Piping port size	M3 x 0.5	M5 x 0.8			Rc1/8	
Fluid	Air					
Action	Double acting					
Maximum operating pressure	0.7MPa					
Minimum operating pressure	0.15MPa					
Ambient and fluid temperatures	-10~+60°C (No freezing)					
Piston speed	50~500mm/s					
Action	Rubber buffer (standard)					
Lubrication	Non-lube					

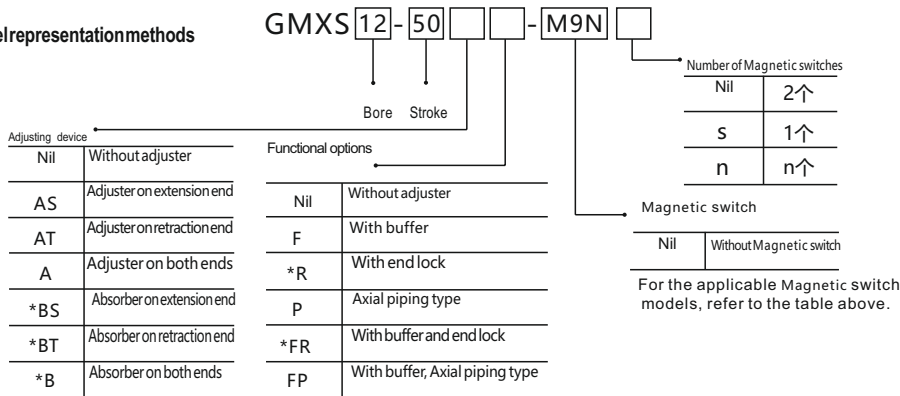
- *Optional with adjustable stroke device (0-5mm)
- *Double cylinder with 2 times output force, thin volume
- *The combination of cylinder and worktable reduces the overall size
- *Roller slider design, small friction, no gap between cylinder and worktable, suitable for precise assembly
- *Can install from 3 sides
- *Built-in ring, can install magnetic switch

*Please use turbine No.1 oil ISOVG32 if need.

Selection table

GMXS	Bore size mm	stroke mm									Functional options				Magnetic switch		
		10	20	30	40	50	75	100	125	150	Adjustable stroke device (0~5mm)	With buffer	With end lock	Axial piping	Install directly		
	Ø6x2	●	●	●	●	●					●	●			●	2-wire	3-wire
	Ø8x2	●	●	●	●	●	●				●	●		●	●	D-M9B D-M9BL D-M9BV D-M9BVL	D-M9N D-M9NL D-M9NV D-M9NVL D-M9P D-M9PL D-M9PV D-M9PVL
	Ø12x2	●	●	●	●	●	●	●			●	●		●	●		
Ø16x2	●	●	●	●	●	●	●	●		●	●		●	●			
Ø20x2	●	●	●	●	●	●	●	●	●	●	●		●	●			
Ø25x2	●	●	●	●	●	●	●	●	●	●	●		●	●			

Model representation methods

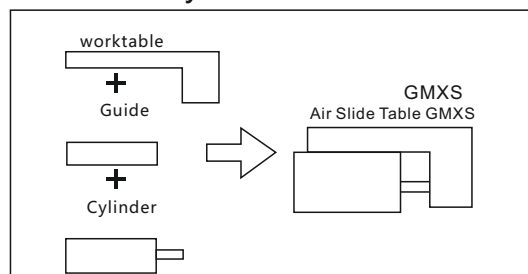


Note) The specification and characteristics of magnetic switch can refer to the series of magnetic switch. At the end of the model of magnetic switch, the length mark of conductor is attached: Nomark-0.5m, L-3m, Z-5m Example: A96, A96L

*GMXS6 without hydraulic buffer

*GMXS6 without locking

Combination of cylinder and worktable



High precision, sturdy application

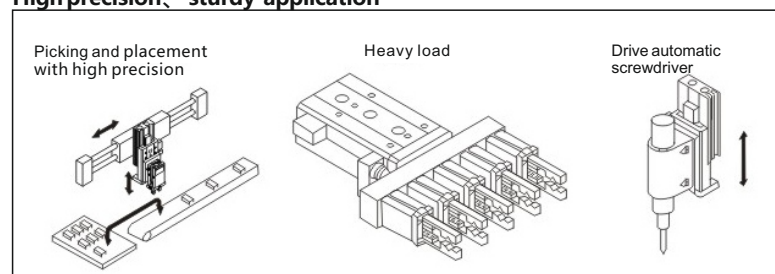


Fig. (1) Load Mass: W (kg)

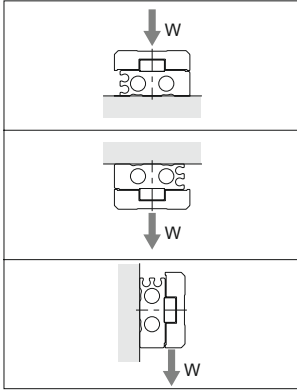


Fig. (3) Workpiece Mounting Coefficient: K

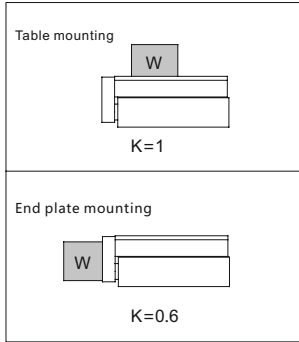


Table (2) Maximum Allowable Load Mass: Wmax (kg)

Model	Maximum allowable load mass
GMXS6	0.6
GMXS8	1
GMXS12	2
GMXS16	4
GMXS20	6
GMXS25	9

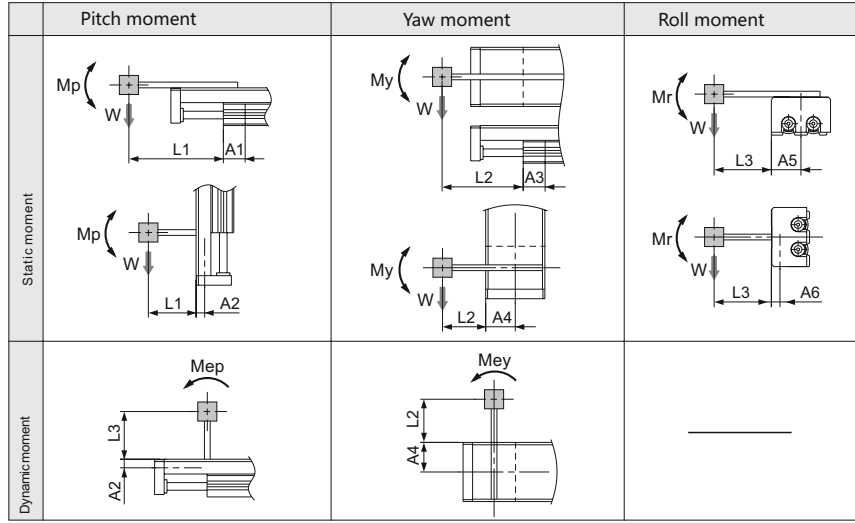
Table (4) Maximum Allowable Moment: Mmax (N·m)

型 Mode	(mm) Stroke (mm)								
	10	20	30	40	50	75	100	125	150
GMXS6	0.7	1.0	1.2	1.2	1.2	-	-	-	-
GMXS8	2.0	2.0	2.8	3.6	4.2	4.2	-	-	-
GMXS12	4.2	4.2	4.2	5.8	7.0	10.0	10.0	-	-
GMXS16	11.3	11.3	11.3	11.3	15.9	25.0	34.1	34.1	-
GMXS20	19.4	19.4	19.4	19.4	27.2	35.0	50.5	50.5	50.5
GMXS25	30.6	30.6	30.6	30.6	42.8	55.1	67.3	67.3	67.3

Symbol

Symbol	Definition	Unit
An(n=1~6)	Correction value of moment center position distance	mm
E	Kinetic energy	J
Ea	Allowable kinetic energy	J
Emax	Max. allowable kinetic energy	J
Ln(n=1~3)	Overhang	mm
M(Mp,My,Mr)	Static moment (Pitch, Yaw, Roll)	N·m
Ma(Map,May,Mar)	Allowable static moment (Pitch, Yaw, Roll)	N·m
Me(Mep,Mey)	Dynamic moment (Pitch, Yaw)	N·m
Mea(Meap,Meay)	Allowable dynamic moment (Pitch, Yaw)	N·m
Mmax(Mpmax,Mymax,Mrmax)	Max. allowable moment (Pitch, Yaw, Roll)	N·m
V	Collision speed	mm/s

Fig. (2) Overhang: Ln (mm), Correction Value of Moment Center Position Distance: An (mm)



Note) Static moment: Moment generated by gravity
Dynamic moment: Moment generated by impact when colliding with stopper

Emax(J)

Table (1) Maximum Allowable Kinetic Energy: Emax (J)

Model	Allowable kinetic energy	
	Rubber bumper	Shock absorber
GMXS6	0.018	-
GMXS8	0.027	0.045
GMXS12	0.055	0.11
GMXS16	0.11	0.22
GMXS20	0.16	0.32
GMXS25	0.24	0.48

Table (3) Correction Value of Moment Center Position Distance : An (mm)

Model	Correction value of moment center position distance (Refer to Figure 2.)					
	A1	A2	A3	A4	A5	A6
GMXS6	11	6	13	16	16	6
GMXS8	11	7.5	13	20	20	7.5
GMXS12	24	8.5	26	25	25	8.5
GMXS16	27	10	30	31	31	10
GMXS20	34	14.5	36	38	38	14.5
GMXS25	42	19	44	46	46	19

Table (4) Allowable Load Mass Coefficient: β

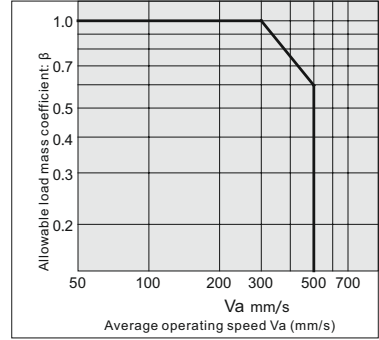
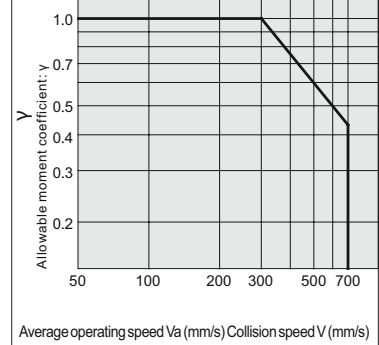


Table (5) Allowable Moment Coefficient: γ



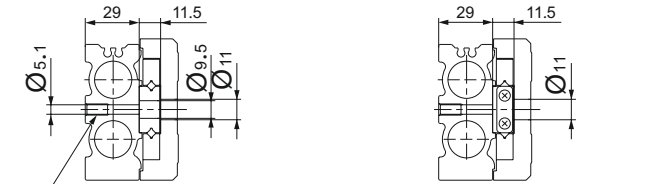
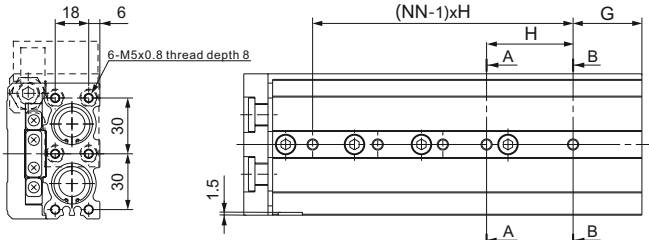
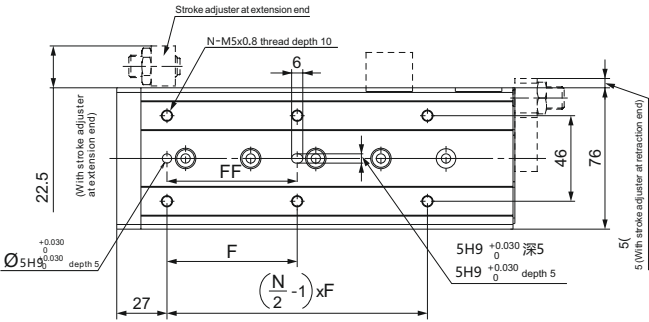
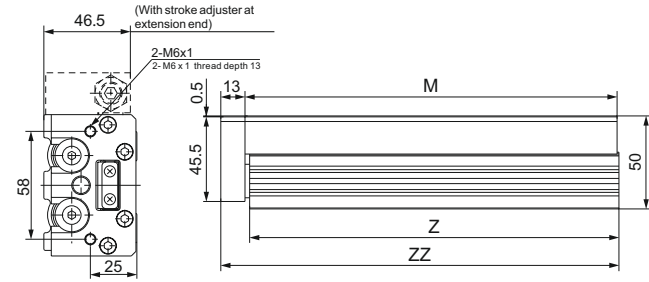
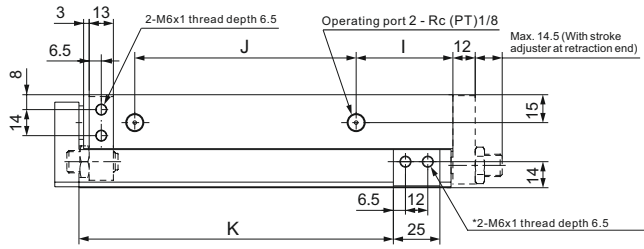
Note) Use the average operating speed when calculating static moment.
Use the collision speed when calculating dynamic moment.

Symbol	Definition	Unit
Va	Average operating speed	mm/s
W	Load mass	kg
Wa	Allowable load mass	kg
We	Mass equivalent to impact	kg
Wmax	Max. allowable load mass	kg
α	Load factor	-
β	Allowable load mass coefficient	-
γ	Allowable moment coefficient	-
δ	Damper coefficient	-
K	Workpiece mounting coefficient	-

Profile	Stents Module	Quick Changer	Grip Module	Air Nipper	Vacuum Module	Accessory Components
Profiler	Badlanti Modülleri	Hızlı Değiştiriciler	Tutucu Modüller	Havali Kesiciler	Vakuum Modülleri	Aksesuar Komponentleri

GMXS Serisi Havalı Kayar Tabla Air Slide Table GMXS Series

GMXS20 Basic type

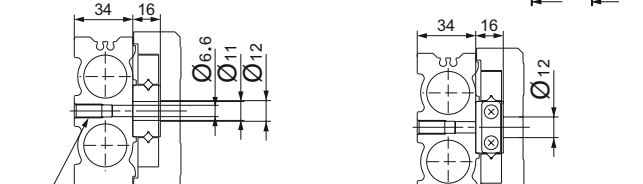
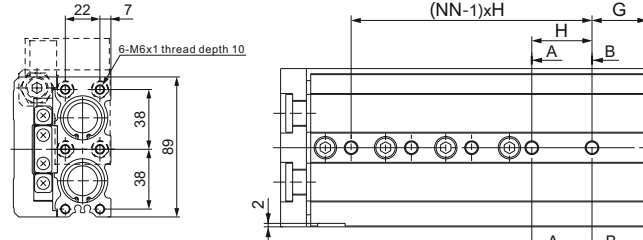
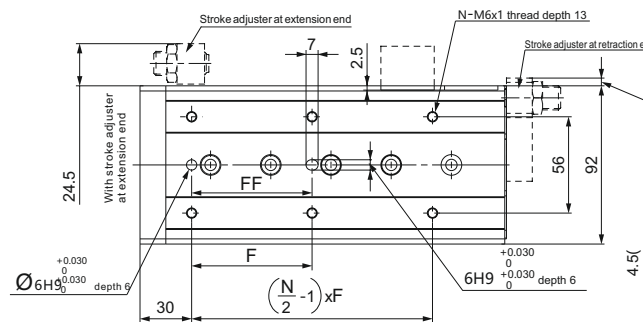
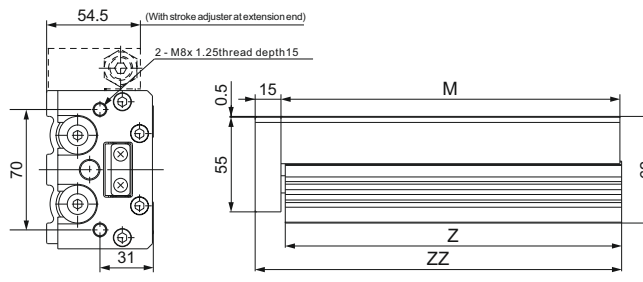
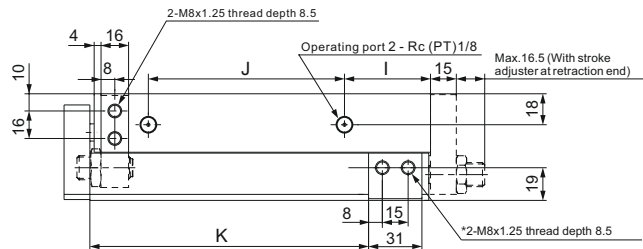


Section AA Section BB
Dimensions (mm)

(Model)	F	FF	N	G	H	NN
GMXS20-10	50	40	4	15	45	2
GMXS20-20	50	40	4	15	45	2
GMXS20-30	50	40	4	15	45	2
GMXS20-40	60	50	4	15	55	2
GMXS20-50	35	35	4	15	35	3
GMXS20-75	60	60	6	19	35	4
GMXS20-100	70	70	6	37	35	5
GMXS20-125	70	70	6	41	38	6
GMXS20-150	80	80	8	19	44	7

(Model)	I	J	K	M	Z	ZZ
GMXS20-10	10	44	31	83	81.5	97
GMXS20-20	10	44	41	83	81.5	97
GMXS20-30	10	44	51	83	81.5	97
GMXS20-40	10	54	61	93	91.5	107
GMXS20-50	10	69	71	108	106.5	122
GMXS20-75	10	108	96	147	145.5	161
GMXS20-100	58	113	121	200	198.5	214
GMXS20-125	70	155	146	254	252.5	268
GMXS20-150	87	190	171	306	304.5	320

GMXS25 Basic type



Section AA Section BB
Dimensions (mm)

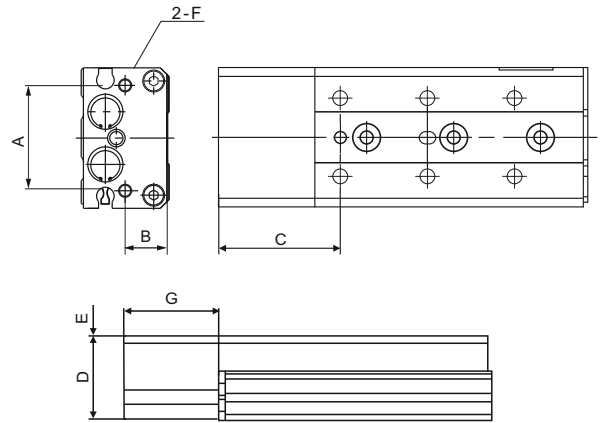
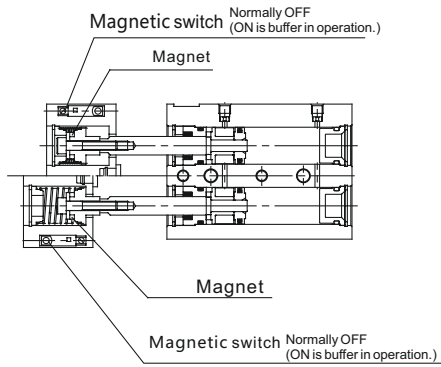
(Model)	F	FF	N	G	H	NN
GMXS25-10	50	40	4	22	45	2
GMXS25-20	50	40	4	22	45	2
GMXS25-30	50	40	4	22	45	2
GMXS25-40	60	50	4	22	55	2
GMXS25-50	35	35	4	20	35	3
GMXS25-75	60	60	6	26	35	4
GMXS25-100	70	70	6	32	35	5
GMXS25-125	75	75	6	40	38	6
GMXS25-150	80	80	8	30	40	7

(Model)	I	J	K	M	Z	ZZ
GMXS25-10	12	47	35	92	90.5	108
GMXS25-20	12	47	45	92	90.5	108
GMXS25-30	12	47	55	92	90.5	108
GMXS25-40	12	57	65	102	100.5	118
GMXS25-50	12	70	75	115	113.5	131
GMXS25-75	33	90	100	156	154.5	172
GMXS25-100	50	114	125	197	195.5	213
GMXS25-125	67	155	150	255	253.5	271
GMXS25-150	82	180	175	295	293.5	311

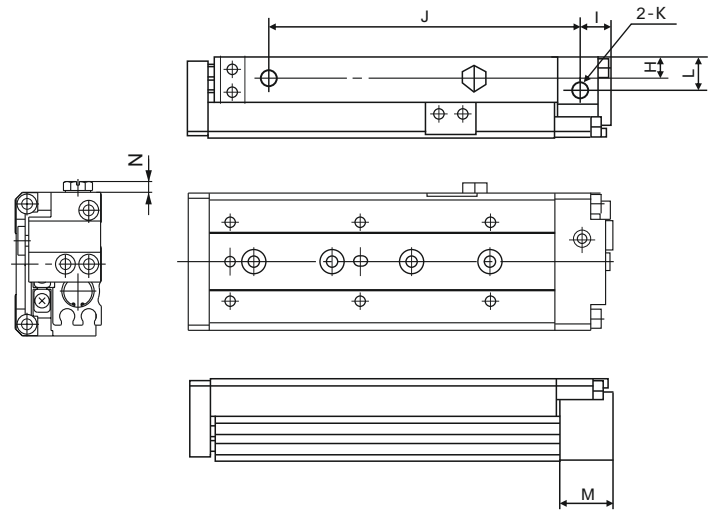
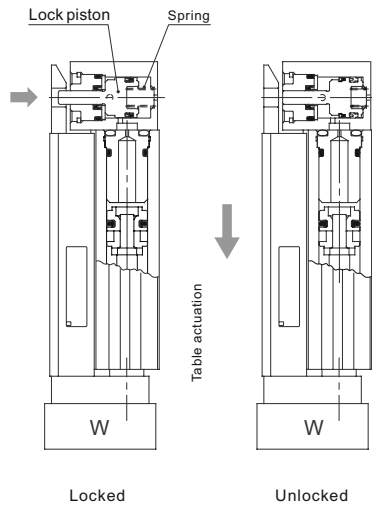
GMXS Serisi Havalı Kayar Tabla Air Slide Table GMXS Series

Functional option

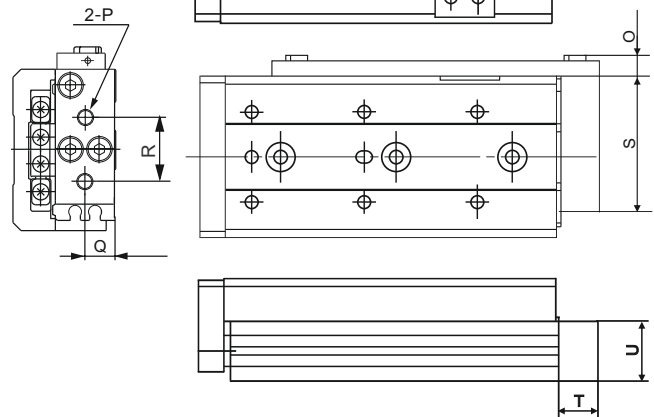
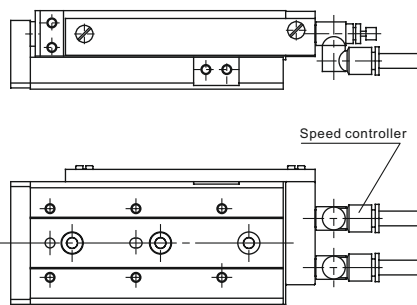
F-With buffer



R-With end lock



P-Axial piping type



Dimensions

(Model)	A	B	C	D	E	F	G	H	I	J						K	L	M	N	O	P	Q	R	S	T	U			
										10	20	30	40	50	75												100	125	150
GMXS6	24	10	28	19	0.5	M3x0.5	22	-	-	-	-	-	-	-	-	-	-	-	-	5.6	M3x0.5	5.5	12	32	8	11.5			
GMXS8	30	12	28.5	22.5	0.5	M4x0.7	22.5	6.5	9	39	44	55	73	91	141	-	-	-	M3x0.5	10	15.5	3	6.5	M5x0.8	6.5	15	40	12	13.5
GMXS12	38	16	37	30	0.5	M5x0.8	29	9.5	10.5	59.5	59.5	59.5	71.5	91.5	137.5	191.5	-	-	M5x0.8	14.5	20	3	6.5	M5x0.8	9.5	20	50	12	18.7
GMXS16	48	20	41	37.5	0.5	M6x1	30	12	13	62	62	62	72	87	137	185	235	-	M5x0.8	18	25	3	6.5	M5x0.8	12	26	62	12	23.5
GMXS20	58	25	44.5	45.5	0.5	M6x1	30.5	15	15.5	68.5	68.5	68.5	78.5	93.5	132.5	185.5	239.5	239.5	Rc1/8	20	30	-	11.5	Rc1/8	15	32	76	20	29.5
GMXS25	70	31	50	55	0.5	M8x1.25	35	18	18	76	76	76	86	99	140	181	239	239	Rc1/8	25.5	35	-	11.5	Rc1/8	18	40	92	20	35.5

GMXH Serisi Mini Havalı Linear Kayar Tabla Miniature Air Slide Table Linear Guide GMXH Series

NEW



- *Install linear guide bearing to improve the accuracy of non-rotative of piston rod
- *Standard built-in magnetic ring, can install magnetic switch of stroke testing
- *Can connect to air from three sides
- *Can install magnetic switch from two sides
- *Standard rubber buffer at both ends
- *Allowable torque is 6 times of GMXU series

Bore size (mm)	6	10	16	20
Guide bearing width	5	7	9	12
Fluid	Air			
Action	Double acting			
Minimum operating pressure	0.15MPa	0.06MPa		0.05MPa
Maximum operating pressure	0.7MPa			
Ambient and fluid temperatures	Without magnetic switch: -10 to 70°C With magnetic switch: -10 to 60°C (No freezing)			
Piston speed	50~500mm/s			
Allowable kinetic energy (J)	0.0125	0.025	0.05	0.1
Lubrication	Non-lube			
Cushion	Rubber bumper on both ends			
(mm) Stroke length tolerance	+1.0 0			
Magnetic switch(Optional)	Reed Magnetic switch D-A9 ☐ Solid state Magnetic switch D-M9 ☐			
Piping port size	M5 x 0.8			

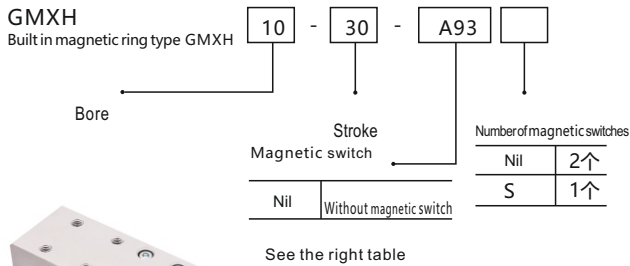
*Please use turbine No.1 oil ISOVG32 if need.

Stroke/magnetic switch selection

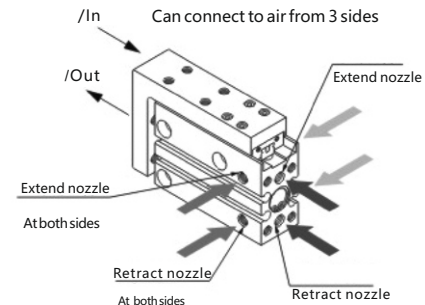
(mm)	Standard stroke (mm)	Direct mount type of magnetic switch		
		2-wire	3-wire	
6	5, 10, 15, 20, 25, 30, 40, 50, 60	D-M9B	D-M9N	D-M9P
10		D-M9BL	D-M9NL	D-M9PL
16		D-M9BV	D-M9NV	D-M9PV
20		D-M9BVL	D-M9NVL	D-M9PVL

Note) The specification and characteristics of magnetic switch can refer to the series of magnetic switch. At the end of the model of magnetic switch, the length mark of conductor is attached: Nomark-0.5m, L-3m, Z-5m
Example: A93L

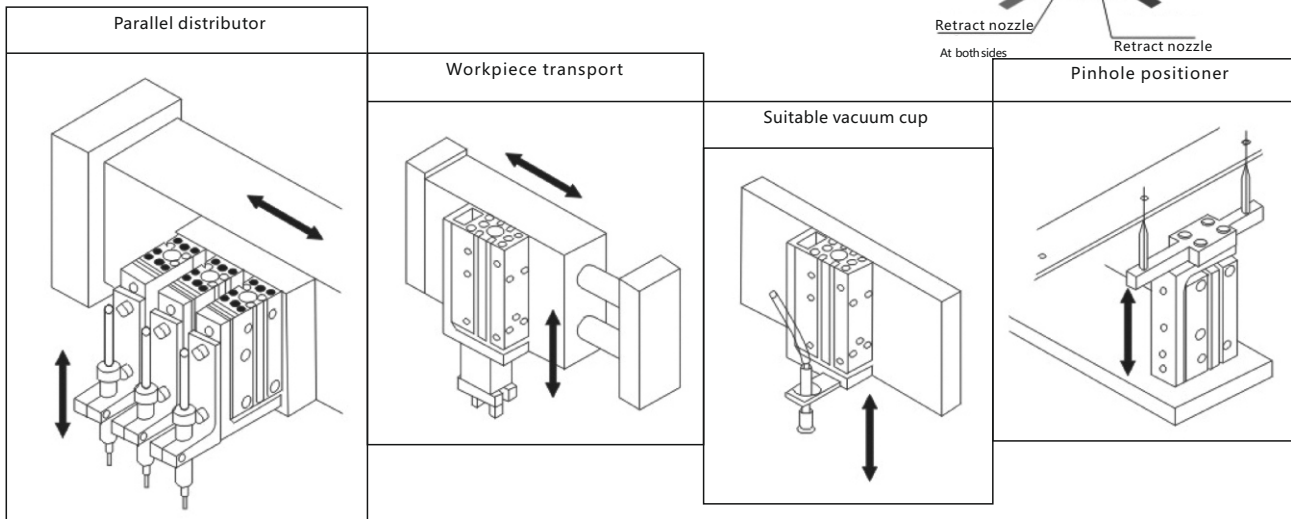
Model representation methods



Miniature linear guide bearing improve the accuracy of linear motion of cylinder

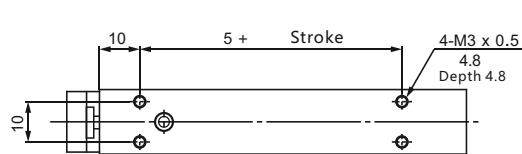
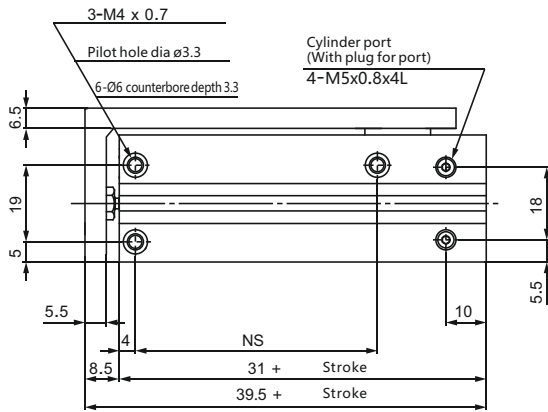
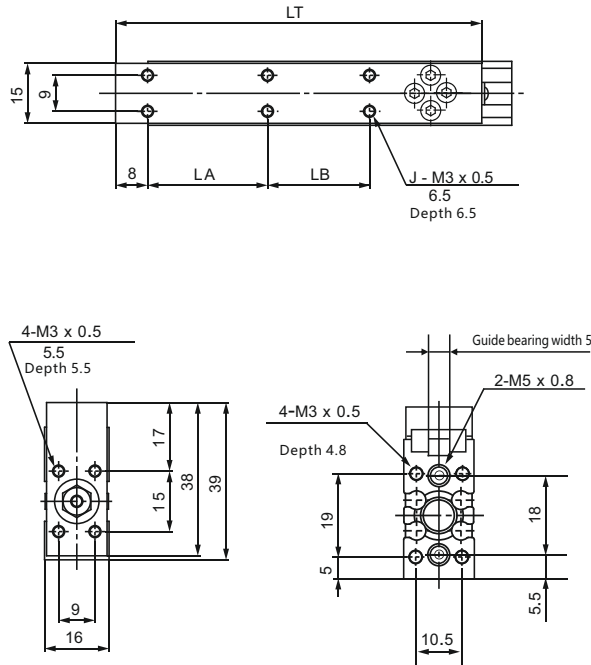


Application



GMXH Serisi Mini Havalı Linear Kayar Tabla Miniature Air Slide Table Linear Guide GMXH Series

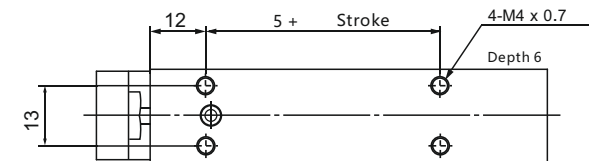
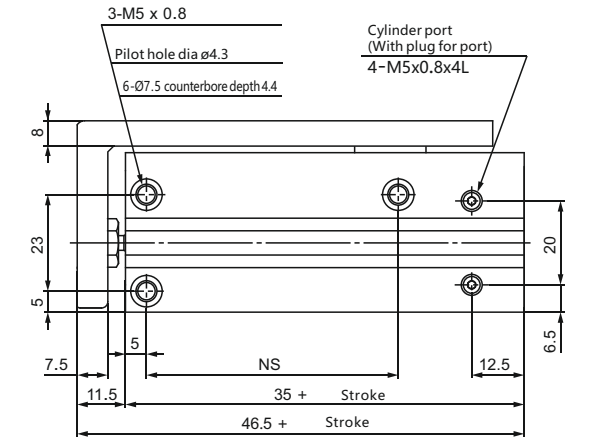
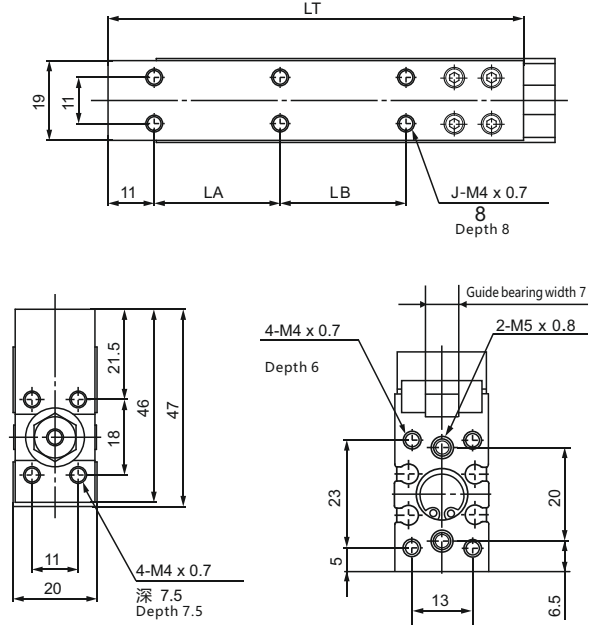
GMXH6



Dimensions (mm)						
(Model)	Stroke	J	LA	LB	LT	NS
GMXH6-5Z	5	4	10	-	42	14
GMXH6-10Z	10	4	10	-	42	14
GMXH6-15Z	15	4	20	-	52	24
GMXH6-20Z	20	4	20	-	52	24
GMXH6-25Z	25	4	30	-	62	30
GMXH6-30Z	30	4	30	-	62	30
GMXH6-40Z	40	4	20	20	72	45
GMXH6-50Z	50	6	25	25	82	55
GMXH6-60Z	60	6	30	30	92	60

6

GMXH10



Dimensions (mm)						
(Model)	Stroke	J	LA	LB	LT	NS
GMXH10-5Z	5	4	10	-	49	14
GMXH10-10Z	10	4	10	-	49	14
GMXH10-15Z	15	4	20	-	59	24
GMXH10-20Z	20	4	20	-	59	24
GMXH10-25Z	25	4	30	-	69	30
GMXH10-30Z	30	4	30	-	69	30
GMXH10-40Z	40	4	20	20	79	45
GMXH10-50Z	50	6	25	25	89	55
GMXH10-60Z	60	6	30	30	99	60

6

Profile, SUS Tube

Stents Module

Quick Changer

Grip Module

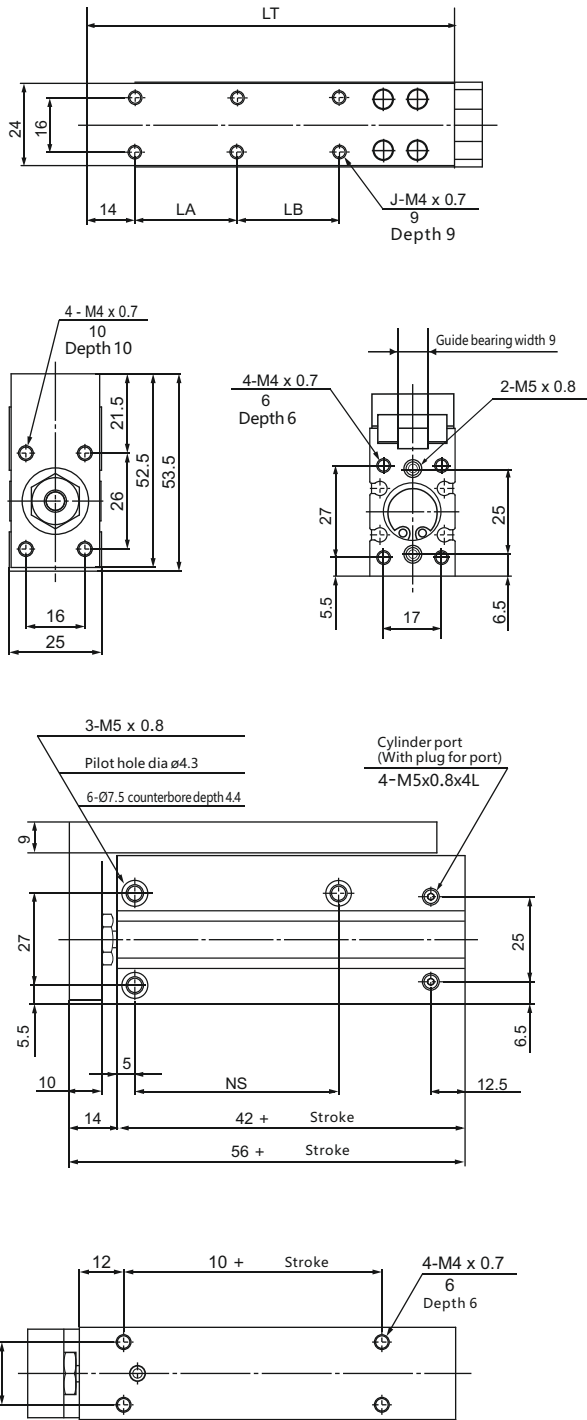
Air Nipper

Vacuum Module

Accessory Components

GMXH Serisi Mini Havalı Linear Kayar Tabla Miniature Air Slide Table Linear Guide GMXH Series

GMXH16

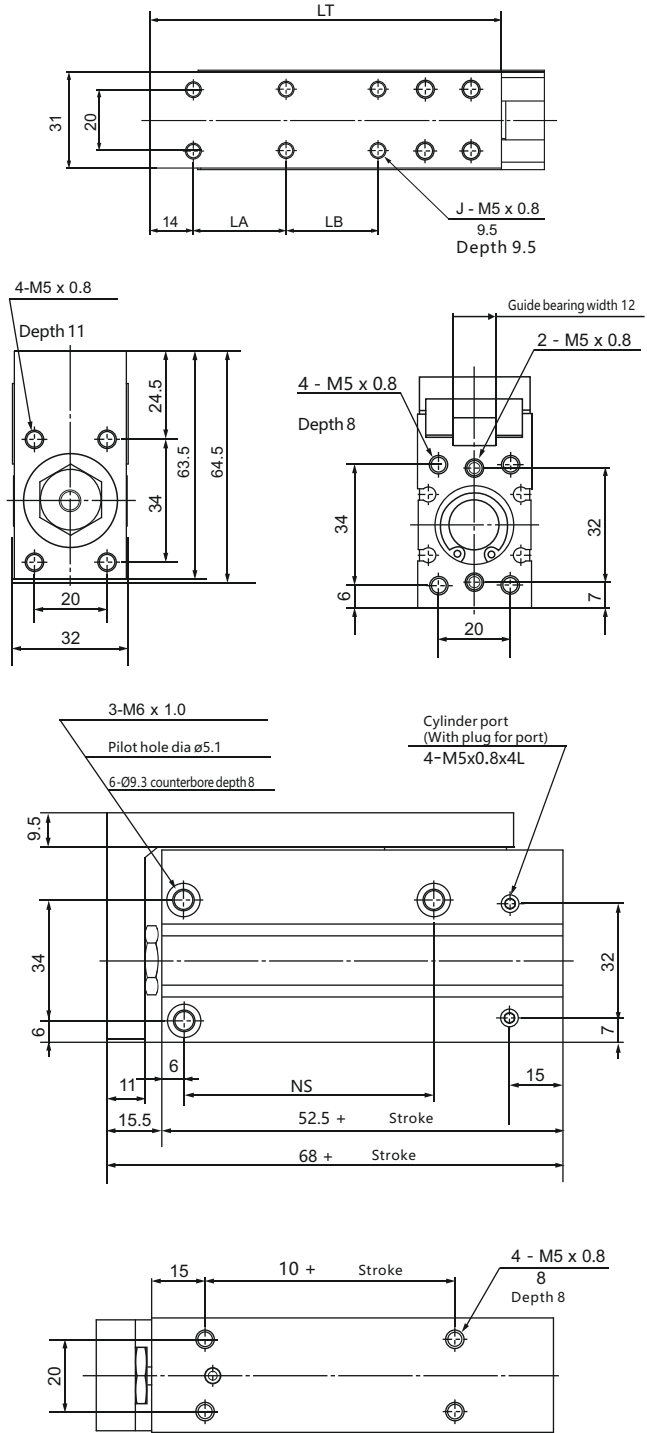


Dimensions (mm)

(Model)	Stroke	J	LA	LB	LT	NS
GMXH16-5Z	5	4	10	-	58	20
GMXH16-10Z	10	4	10	-	58	20
GMXH16-15Z	15	4	20	-	68	30
GMXH16-20Z	20	4	20	-	68	30
GMXH16-25Z	25	4	30	-	78	40
GMXH16-30Z	30	4	30	-	78	40
GMXH16-40Z	40	4	20	20	88	50
GMXH16-50Z	50	6	25	25	98	60
GMXH16-60Z	60	6	30	30	108	60

6

GMXH20



Dimensions (mm)

(Model)	Stroke	J	LA	LB	LT	NS
GMXH20-5Z	5	4	10	-	64	20
GMXH20-10Z	10	4	10	-	64	20
GMXH20-15Z	15	4	20	-	74	25
GMXH20-20Z	20	4	20	-	74	25
GMXH20-25Z	25	4	30	-	84	40
GMXH20-30Z	30	4	30	-	84	40
GMXH20-40Z	40	4	20	20	94	50
GMXH20-50Z	50	6	25	25	104	70
GMXH20-60Z	60	6	30	30	114	70

6

Profile
Profiler

Stents Module
Bağıntı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

Air Nipper
Havalı Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Yolluk Tutucular Sprue Gripper

Gövde Yüksek Sertlikteki Alüminyumdan yapılmıştır, hafif, rijit ve uzun ömürlüdür.

Vidalı komponentlerin montajında veya CRG Komponentlerine kolaylıkla montaj edilir.

Main body being made of high-strength Aluminium, light weight, strong rigidity and long life cycle. Using threaded components or CRG's components when to assemble.

GR(S/M/L/X) Serisi Yolluk Tutucular (Sensörsüz) Series GR-Sprue Gripper (Without Sensor)



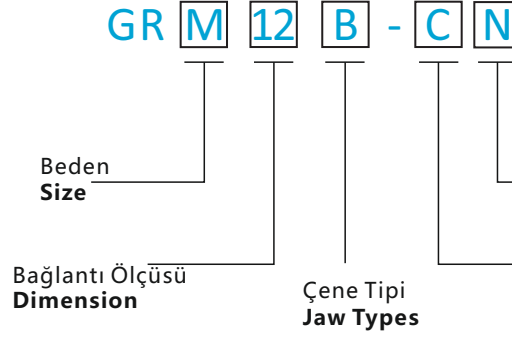
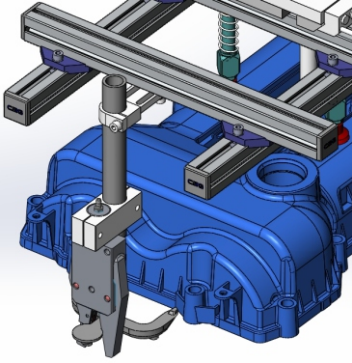
GR(S/M/L/X) Serisi Yolluk Tutucular (Sensörlü) Series GR -Sprue Gripper (With Sensor)



Stok Kodu(PN)	Model(Model)	Sensör Tipi(Switch type)	Kuvvet(F)	Ağırlık(Weight)
8.Y00214	GRS08	-	5N	18g
8.Y00099	GRS08-C	-	5N	24g
8.Y00011	GRS08-CN	NPN	5N	40g
8.Y00012	GRS08-CP	PNP	5N	40g
8.Y00103	GRM12A	-	28N	46g
8.Y00092	GRM12A-C	-	28N	45g
8.Y00009	GRM12A-CN	NPN	28N	60g
8.Y00010	GRM12A-CP	PNP	28N	60g
8.Y00107	GRM12B	-	28N	46g
8.Y00106	GRM12B-C	-	28N	45g
8.Y00104	GRM12B-CN	NPN	28N	60g
8.Y00105	GRM12B-CP	PNP	28N	60g
8.Y00108	GRL12A	-	45N	94g
8.Y00100	GRL12A-C	-	45N	84g
8.Y00001	GRL12A-CN	NPN	45N	100g
8.Y00002	GRL12A-CP	PNP	45N	100g
8.Y00213	GRX20	-	80N	180g
8.Y00215	GRX20-C	-	80N	177g
8.Y00013	GRX20-CN	NPN	80N	192g
8.Y00014	GRX20-CP	PNP	80N	192g

Yolluk Tutucular Sprue Gripper

Uygulama Örneği / Application example

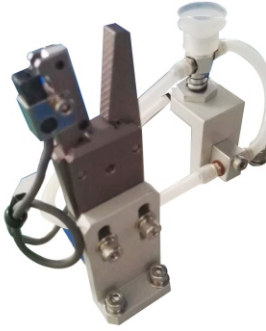


Sensör Tipi
Switch type

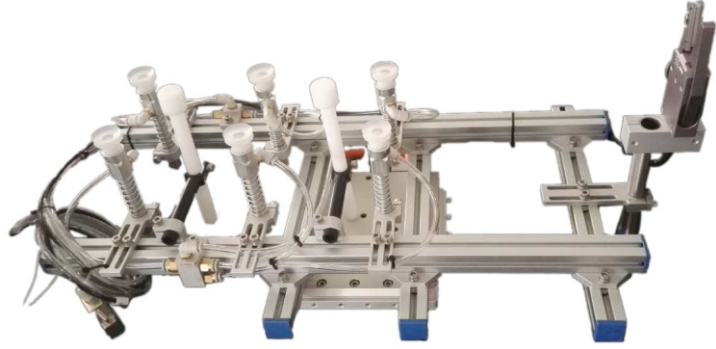
NPN
PNP

C-Sonradan Sensör Takılabilir
Being able to mount a switch
(Boş) Sonradan Sensör Takılamaz
No - Not being able to mount a switch

Kurulum Metodu / Installation method



Uygulama Örneği 1
Application example 1



Uygulama Örneği 2
Application example 2

Aksesuar Seçimi/ Accessorier selection



Sensör Tipi

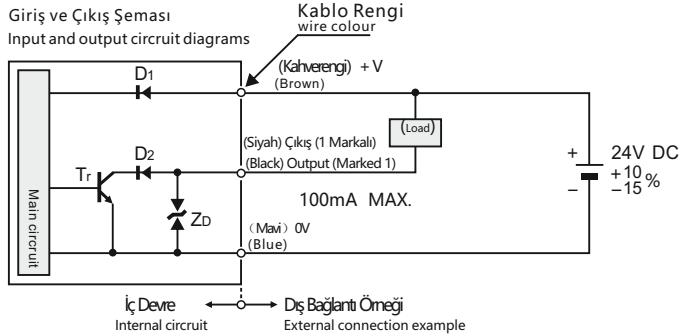
- 1.PNP
- 2.NPN

Stok Kodu(PN)	Model(Model)
7.Y00800	PNP
7.Y00801	NPN

Not: Uzunluğu 1 Metre
Note: The length is 1 meters

Sensör Kablo Bağlantısı/ Switch wiring instructions

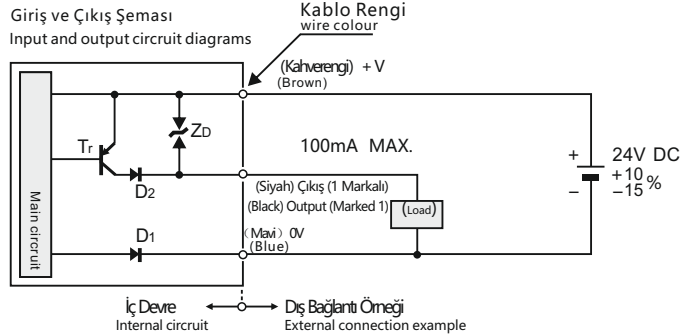
NPN Çıkış Tipi / NPN output type



(1 Markalı) Çıkışında kısa devre koruması yoktur. Doğrudan enerjiye veya kapasitif yüke bağlamayın.

(Marked 1) Output is not equipped with short-circuit protection circuit. Do not connect directly to power or capacitive loads

PNP Çıkış Tipi/ PNP output type



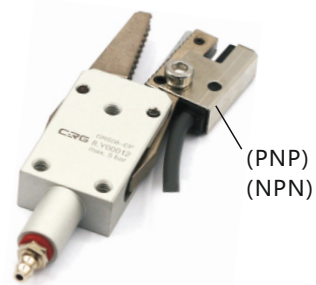
(1 Markalı) Çıkışında kısa devre koruması yoktur. Doğrudan enerjiye veya kapasitif yüke bağlamayın.

(Marked 1) Output is not equipped with short-circuit protection circuit. Do not connect directly to power or capacitive loads

GRS08 Serisi Yolluk Tutucular Sprue Gripper GRS08 Series



GRS08
Sensörsüz(Without Sensor)



GRS08-CN(CP)
Sensörlü(With Sensor)

Ürün Açıklaması Product Description

GRS08 Serisi

Gövde Yüksek Sertlikteki Alüminyumdan yapılmıştır, hafif, rijit ve uzun ömürlüdür.

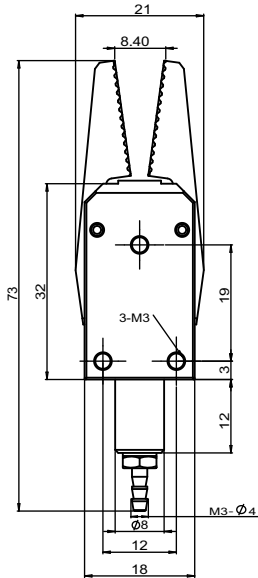
Vidalı komponentlerin montajında veya CRG Komponentlerine kolaylıkla montaj edilir.

Series GRS08

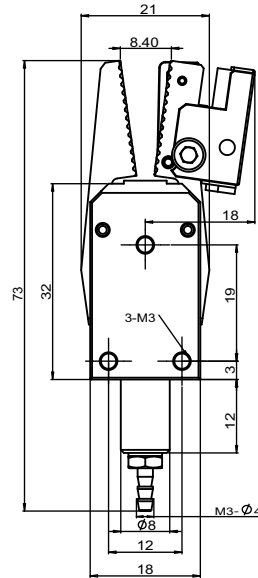
Main body being made of high-strength Aluminium , light weight , strong rigidity and long life cycle.

Using threaded components or CRG's components when to assemble.

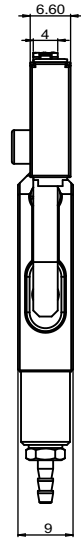
Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00214	GRS08	-	5N	18g
8.Y00099	GRS08-C	-	5N	24g
8.Y00011	GRS08-CN	NPN	5N	40g
8.Y00012	GRS08-CP	PNP	5N	40g



Sensörsüz(Without Sensor)



Sensörlü(With Sensor)



GRM12 Serisi Yolluk Tutucu Sprue Gripper GRM12 Series



GRM12A
Sensörsüz(Without Sensor)



GRM12A-CN(CP)
Sensörlü(With Sensor)

Ürün Açıklaması Product Description

GRM12 Serisi

Gövde Yüksek Sertlikteki Alüminyumdan yapılmıştır, hafif, rijit ve uzun ömürlüdür.

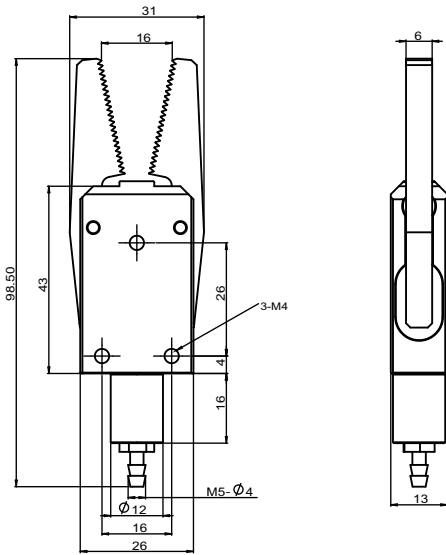
Vidalo komponentlerin montajında veya CRG Komponentlerine kolaylıkla montaj edilir.

Series GRM12

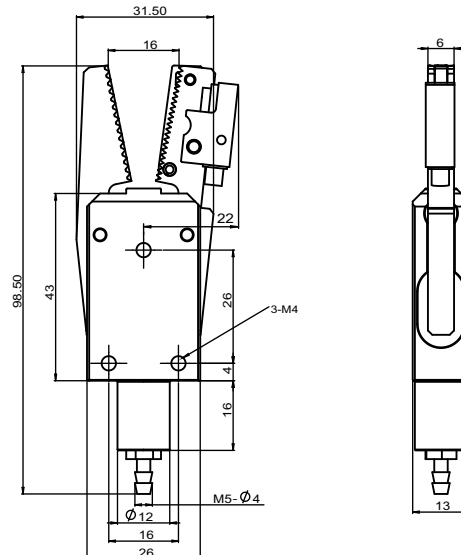
Main body being made of high-strength Aluminium , light weight , strong rigidity and long life cycle.

Using threaded components or CRG's components when to assemble.

Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00103	GRM12A	-	28N	46g
8.Y00107	GRM12B	-	28N	46g
8.Y00092	GRM12A-C	-	28N	45g
8.Y00009	GRM12A-CN	NPN	28N	60g
8.Y00010	GRM12A-CP	PNP	28N	60g
8.Y00106	GRM12B-C	-	28N	45g
8.Y00104	GRM12B-CN	NPN	28N	60g
8.Y00105	GRM12B-CP	PNP	28N	60g



Sensörsüz(Without Sensor)



Sensörlü(With Sensor)

GRL12 Serisi Yolluk Tutucu Sprue Gripper GRL12 Series



GRL12A
Sensörsüz(Without Sensor)



GRL12A-CN(CP)
Sensörlü(With Sensor)

Ürün Açıklaması Product Description

GRL12 Serisi

Gövde Yüksek Sertlikteki Alüminyumdan yapılmıştır, hafif, rijit ve uzun ömürlüdür.

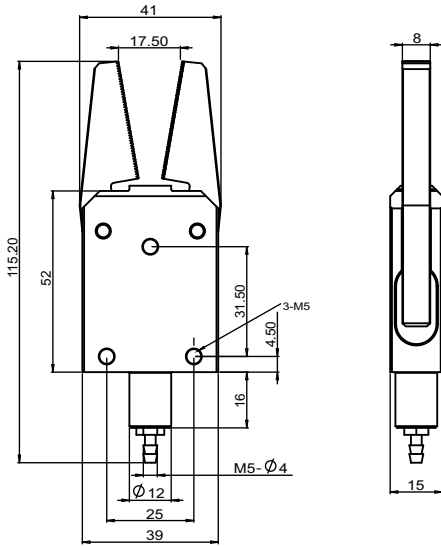
Vidalo komponentlerin montajında veya CRG Komponentlerine kolaylıkla montaj edilir.

Series GRL12

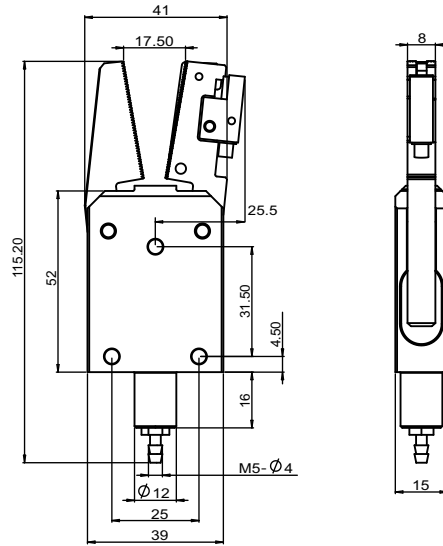
Main body being made of high-strength Aluminium , light weight , strong rigidity and long life cycle.

Using threaded components or CRG's components when to assemble.

Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00108	GRL12A	-	45N	94g
8.Y00100	GRL12A-C	-	45N	84g
8.Y00001	GRL12A-CN	NPN	45N	100g
8.Y00002	GRL12A-CP	PNP	45N	100g



Sensörsüz(Without Sensor)



Sensörlü(With Sensor)

GRX20 Serisi Yolluk Tutucu Sprue Gripper GRX20 Series



GRX20
Sensörsüz(Without Sensor)



GRX20-CN(CP)
Sensörlü(With Sensor)

Ürün Açıklaması Product Description

GRX20 Serisi

Gövde Yüksek Sertlikteki Alüminyumdan yapılmıştır, hafif, rijit ve uzun ömürlüdür.

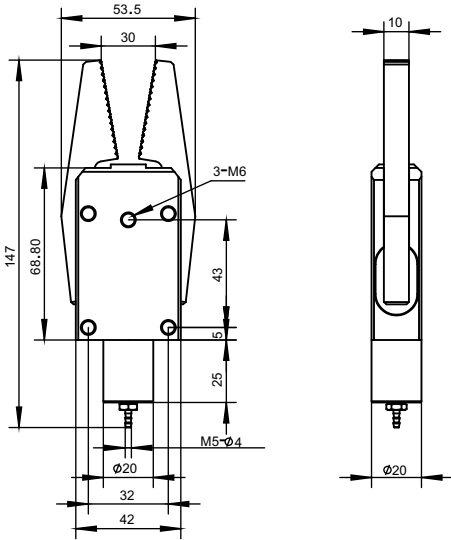
Vidalo komponentlerin montajında veya CRG Komponentlerine kolaylıkla montaj edilir.

Series GRX20

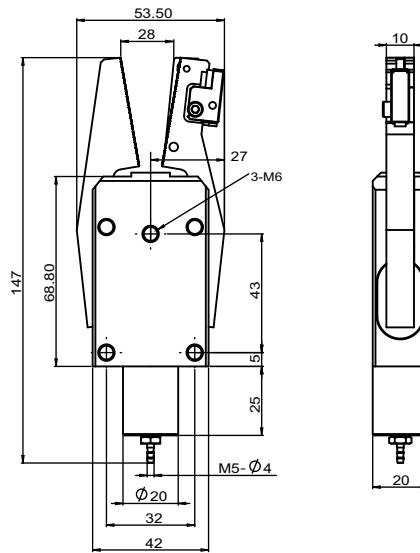
Main body being made of high-strength Aluminium , light weight , strong rigidity and long life cycle.

Using threaded components or CRG's components when to assemble.

Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Model(F)	Ağırlık(Weight)
8.Y00213	GRX20	-	80N	180g
8.Y00215	GRX20-C	-	80N	177g
8.Y00013	GRX20-CN	NPN	80N	192g
8.Y00014	GRX20-CP	PNP	80N	192g



Sensörsüz(Without Sensor)



Sensörlü(With Sensor)

Profile
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

Air Nipper
Hava Kesiçiler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Model Seçim Metodları

Model representation methods

GR 12 A - 12 - C N

Bağlantı Ölçüsü
DimensionÇene Tipi
Jaw TypesMontaj Ölçüsü
BoreSensör Tipi
Switch type
NPN
PNPC-Sonradan Sensör Takılabilir
Being able to mount a switch
(Boş) Sonradan Sensör Takılamaz
No - Not being able to mount
a switch

Gövde Yüksek Sertlikteki Alüminyumdan yapılmıştır, hafif, rijit ve uzun ömürlüdür.

Vidalı komponentlerin montajında veya CRG Komponentlerine kolaylıkla montaj edilir.

Main body being made of high-strength Aluminium, light weight, strong rigidity and long life cycle.

Using threaded components or CRG's components when to assemble.

GR10A-12
GR12A-12
Sensörsüz(Without Sensor)GR12B-12
Sensörsüz
(Without Sensor)GR12L-12
Sensörsüz
(Without Sensor)GR10A-12-CP
GR12A-12-CN(CP)
Sensörlü(With Sensor)GR12B-12-CN(CP)
Sensörlü
(With Sensor)

Aksesuar Seçimi/Accessories selection

Sensör Tipi
1.PNP
2.NPN

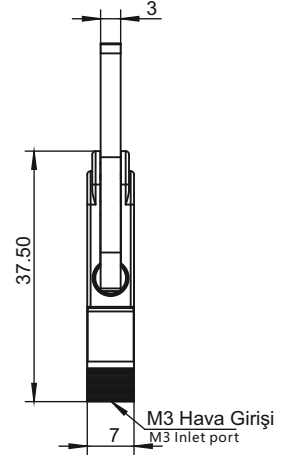
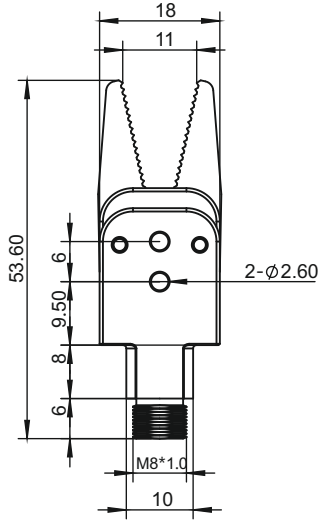
Stok Kodu(PN)	Model(Model)
1.Y07261	GX-F8A-P (PNP)
1.Y07405	GX-F8A (NPN)

Not: Uzunluğu 1 Metre
Note: The length is 1 meters

Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00348	GR05A-10	-	12N	9.6g
8.Y00268	GR10A-12	-	28N	44g
8.Y00267	GR10A-12-CP	PNP	28N	70g
8.Y00370	GR10D-12	-	28N	42g
8.Y00369	GR10D-12-CP	PNP	28N	61g
8.Y00048	GR12A-12	-	28N	44g
8.Y00098	GR12A-12-C	-	28N	44g
8.Y00050	GR12A-12-CP	PNP	28N	70g
8.Y00091	GR12A-12-CN	NPN	28N	70g
8.Y00245	GR12B-12	-	28N	44g
8.Y00260	GR12B-12-C	-	28N	44g
8.Y00261	GR12B-12-CP	PNP	28N	70g
8.Y00262	GR12B-12-CN	NPN	28N	70g
8.Y00307	GR10L-12	-	28N	50g
8.Y00308	GR12L-12	-	28N	50g

NEW

GR05A-10
Sensörsüz(Without Sensor)

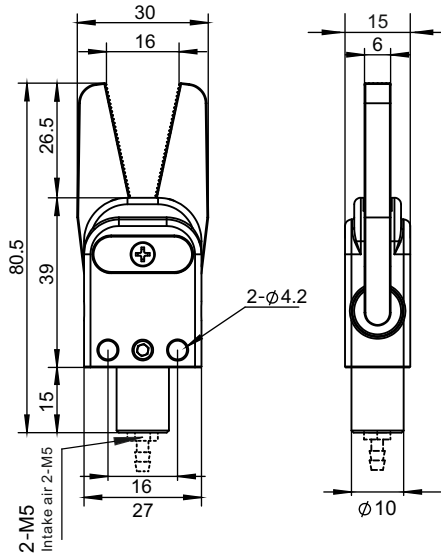


Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00348	GR05A-10	-	12N	9.6g

Profile
ProfilierStents Module
Bağlantı ModülleriQuick Changer
Hızlı DeğiştiricilerGrip Module
Tutucu ModülleriAir Nipper
Havalı KesicilerVacuum Module
Vakum ModülleriAccessory Components
Aksesuar Komponentleri

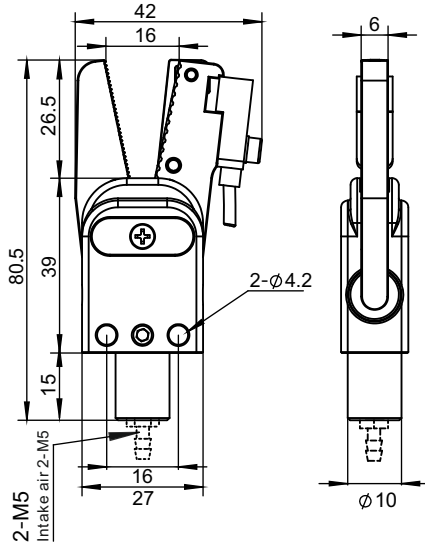


GR10A-12
Sensörsüz(Without Sensor)



GR10A-12-CN(CP)
Sensörlü(With Sensor)

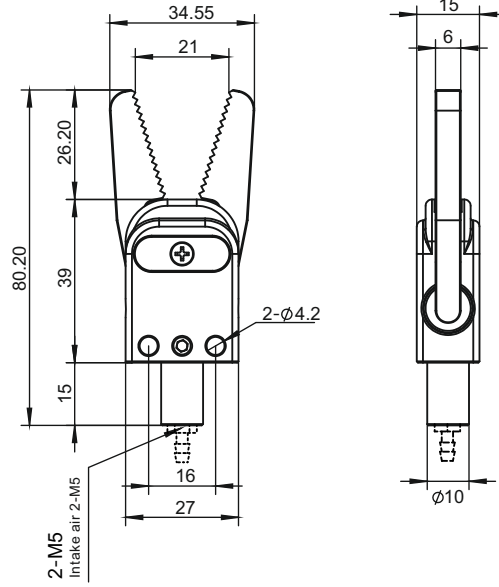
GX-F8A-P (PNP)
GX-F8A (NPN)



Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00268	GR10A-12	-	28N	44g
8.Y00267	GR10A-12-CP	PNP	28N	70g

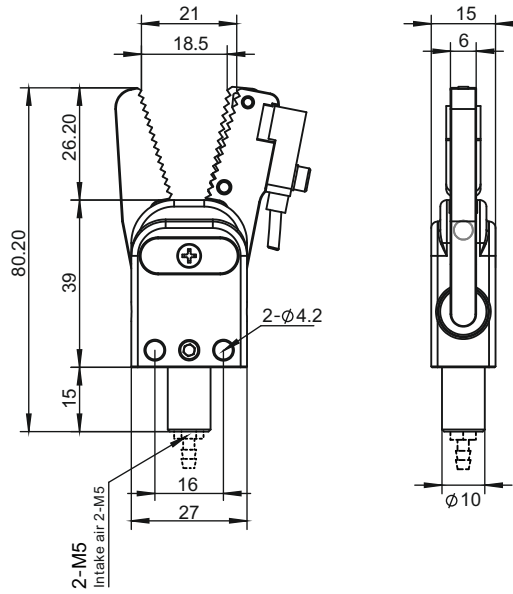
NEW

GR10D-12
Sensörsüz(Without Sensor)

**NEW**

GR10D-12-CP
Sensörlü(With Sensor)

GX-F8A-P (PNP)

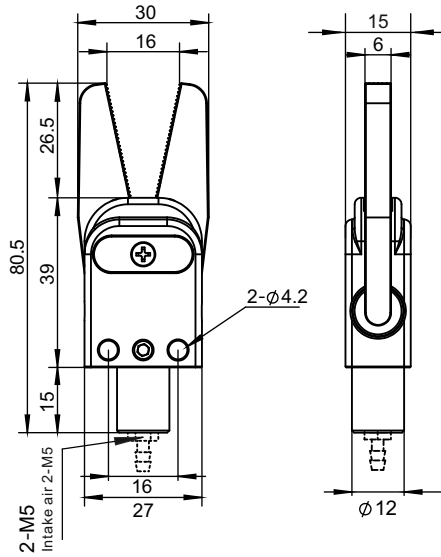


Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00370	GR10D-12	-	28N	42g
8.Y00369	GR10D-12-CP	PNP	28N	61g

Profile
ProfilerStents Module
Bağlantı ModülleriQuick Changer
Hızlı DeğiştiricilerGrip Module
Tutucu ModüllerAir Nipper
Havali KesicilerVacuum Module
Vakum ModülleriAccessory Components
Aksesuar Komponentleri

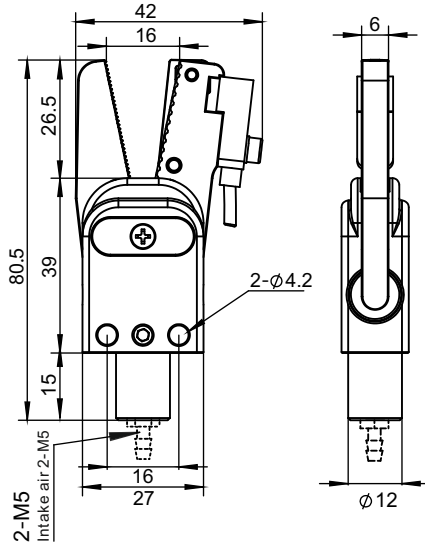


GR12A-12
Sensörsüz(Without Sensor)



GR12A-12-CN(CP)
Sensörlü(With Sensor)

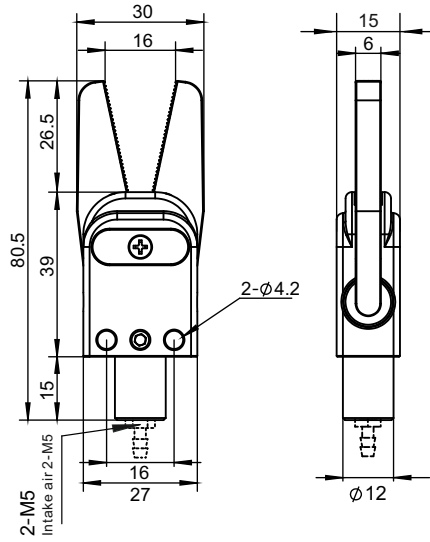
GX-F8A-P (PNP)
GX-F8A (NPN)



Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00048	GR12A-12	-	28N	44g
8.Y00098	GR12A-12-C	-	28N	44g
8.Y00050	GR12A-12-CP	PNP	28N	70g
8.Y00091	GR12A-12-CN	NPN	28N	70g

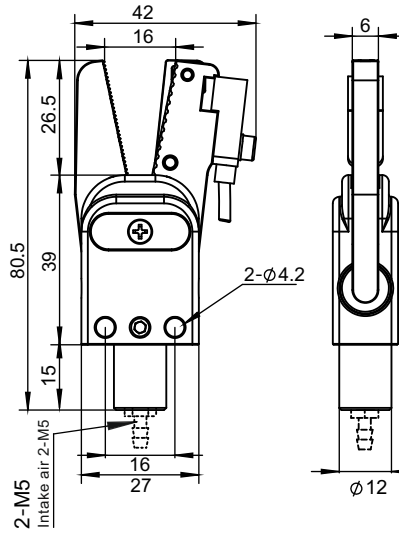


GR12B-12
Sensörsüz(Without Sensor)



GR12B-12-CN(CP)
Sensörlü(With Sensor)

GX-F8A-P (PNP)
GX-F8A (NPN)



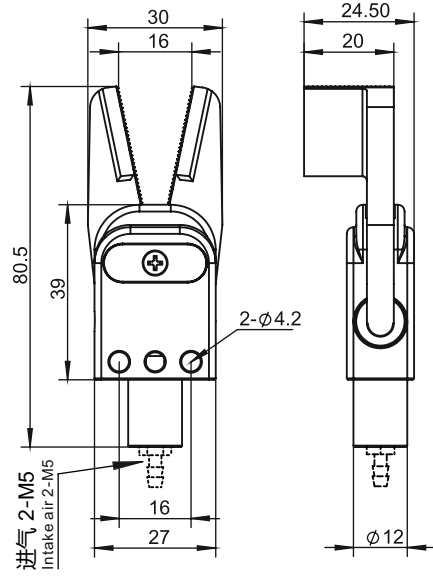
Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00245	GR12B-12	-	28N	44g
8.Y00260	GR12B-12-C	-	28N	44g
8.Y00261	GR12B-12-CP	PNP	28N	70g
8.Y00262	GR12B-12-CN	NPN	28N	70g

Profile

Stents Module
Bağlantı ModülleriQuick Changer
Hızlı DeğiştiricilerGrip Module
Tutucu ModülleriAir Nipper
Havali KesicilerVacuum Module
Vakum ModülleriAccessory Components
Aksesuar Komponentleri



GR12L-12
Sensörsüz(Without Sensor)



Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00307	GR10L-12	-	28N	50g
8.Y00308	GR12L-12	-	28N	50g

GR 20 Serisi Yolluk Tutucular Sprue Gripper GR20 Series

1. Gövde Yüksek Sertlikteki Alüminyumdan yapılmıştır, hafif, rijit ve uzun ömürlüdür.
2. Vidalı komponentlerin montajında veya CRG Komponentlerine kolaylıkla montaj edilir.
3. GR Serisi Yolluk Tutucular rahat tutabilmesi için farklı çene tiplerine sahiptir.
1. Main body being made of high-strength Aluminium , light weight , strong rigidity and long life cycle.
2. Using threaded components or CRG's components when to assemble.
3. GR series of sprue gripper can choose different types of jaws to satisfy the clamping of various sprue gate.



GR20A-20
Sensörsüz
(Without Sensor)



GR20B-20
Sensörsüz
(Without Sensor)



GR20C-20
Sensörsüz
(Without Sensor)



GR20E-20
Sensörsüz
(Without Sensor)



GR20A-20-CN(CP)
Sensörlü
(With Sensor)



GR20B-20-CN(CP)
Sensörlü
(With Sensor)



GR20D-20
Sensörlü
(Without Sensor)



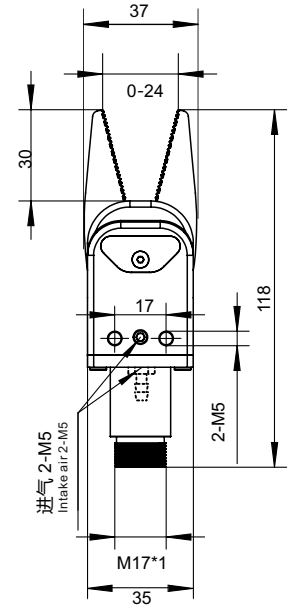
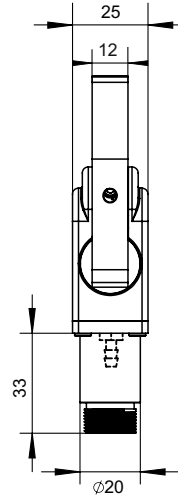
GR20F-20
Sensörlü
(Without Sensor)

Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00224	GR20A-20	-	80N	112g
8.Y00049	GR20A-20-C	-	80N	118g
8.Y00226	GR20A-20-CP	PNP	80N	137g
8.Y00051	GR20A-20-CN	NPN	80N	137g
8.Y00234	GR20B-20	-	80N	112g
8.Y00231	GR20B-20-C	-	80N	118g
8.Y00232	GR20B-20-CP	PNP	80N	137g
8.Y00233	GR20B-20-CN	NPN	80N	137g
8.Y00342	GR20C-20	-	80N	140g
8.Y00343	GR20D-20	-	80N	149g
8.Y00344	GR20E-20	-	80N	129g
8.Y00345	GR20F-20	-	80N	128g



Hava Bağlantısının rahat takılması için burdaki dört vida fabrika çıkışında gevşek bırakılır. Sıkmanız gerekir. The four screws on the bottom are loose for ventilate conveniently when they leaving the factory

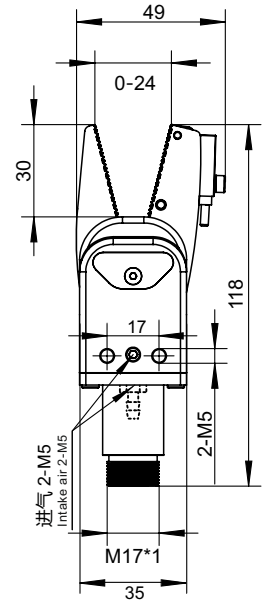
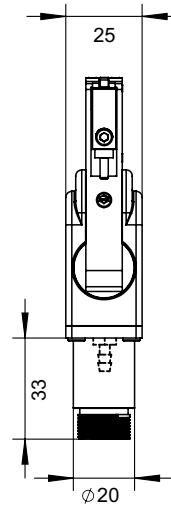
GR20A-20
Sensörsüz(Without Sensor)



GX-F8A-P (PNP)
GX-F8A (NPN)

Hava Bağlantısının rahat takılması için burdaki dört vida fabrika çıkışında gevşek bırakılır. Sıkmanız gerekir. The four screws on the bottom are loose for ventilate conveniently when they leaving the factory

GR20A-20-CN(CP)
Sensörlü(With Sensor)



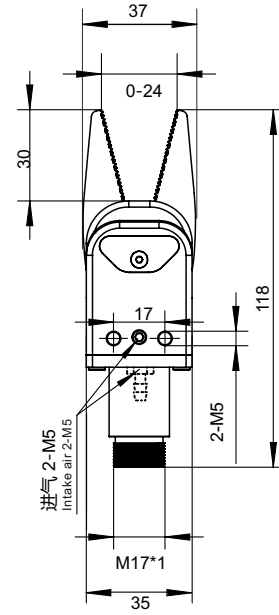
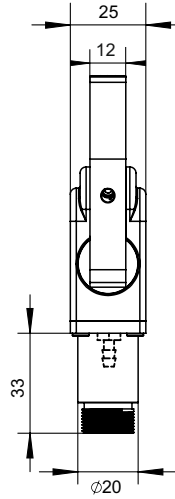
Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00224	GR20A-20	-	80N	112g
8.Y00049	GR20A-20-C	-	80N	118g
8.Y00226	GR20A-20-CP	PNP	80N	137g
8.Y00051	GR20A-20-CN	NPN	80N	137g

GR 20 Serisi Yolluk Tutucular Sprue Gripper GR20 Series



GR20B-20
Sensörsüz(Without Sensor)

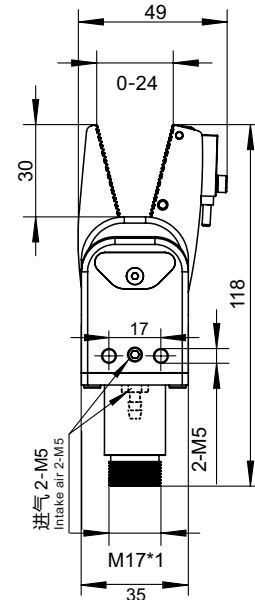
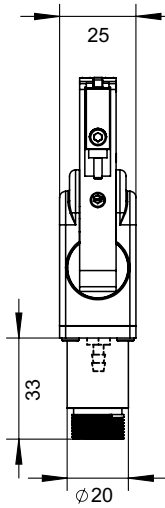
Hava Bağlantısının rahat takılması için burdaki dört vida fabrika çıkışında gevşek bırakılır. Sıkmanız gerekir. The four screws on the bottom are loose for ventilate conveniently when they leaving the factory



GR20B-20-CN(CP)
Sensörlü(With Sensor)

GX-F8A-P (PNP)
GX-F8A (NPN)

Hava Bağlantısının rahat takılması için burdaki dört vida fabrika çıkışında gevşek bırakılır. Sıkmanız gerekir. The four screws on the bottom are loose for ventilate conveniently when they leaving the factory



Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00234	GR20B-20	-	80N	112g
8.Y00231	GR20B-20-C	-	80N	118g
8.Y00232	GR20B-20-CP	PNP	80N	137g
8.Y00233	GR20B-20-CN	NPN	80N	137g

Profile

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

GR 20 Serisi Yolluk Tutucular Sprue Gripper GR20 Series

Profile, SUS Tube
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

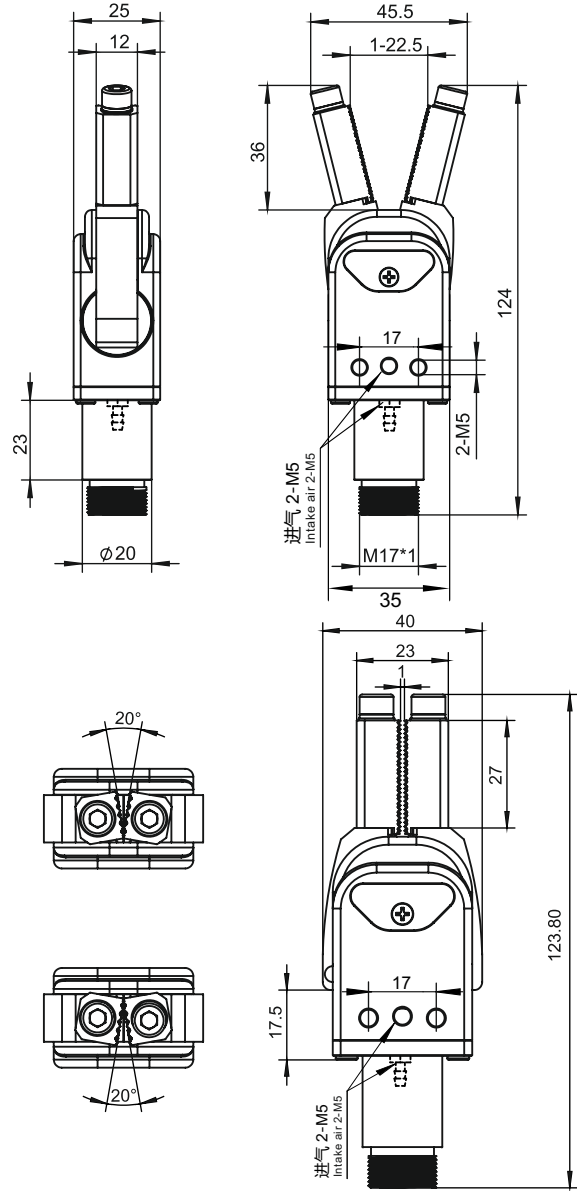
Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri



GR20C-20
Sensörsüz(Without Sensor)

Hava Bağlantısının rahat takılması için burdaki dört vida fabrika çıkışında gevşek bırakılır. Sıkmanız gerekir. The four screws on the bottom are loose for ventilate conveniently when they leaving the factory



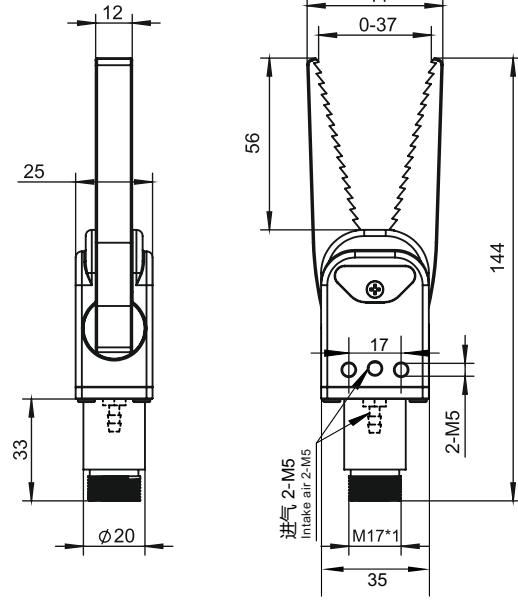
Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00342	GR20C-20	-	80N	140g

GR 20 Serisi Yolluk Tutucular Sprue Gripper GR20 Series



Hava Bağlantısının rahat takılması için burdaki dört vida fabrika çıkışında gevşek bırakılır. Sıkmanız gerekir. The four screws on the bottom are loose for ventilate conveniently when they leaving the factory

GR20D-20
Sensörsüz(Without Sensor)

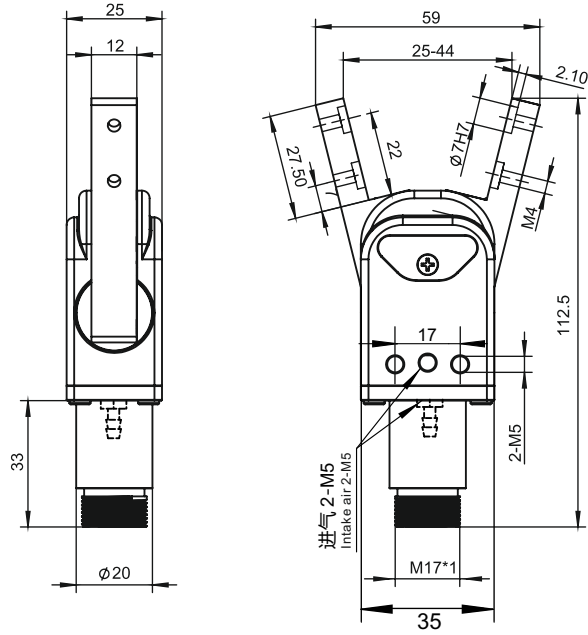


Stok Kodu(PN)	Model(Model)	Sensörlü(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00343	GR20D-20	-	80N	149g



Hava Bağlantısının rahat takılması için burdaki dört vida fabrika çıkışında gevşek bırakılır. Sıkmanız gerekir. The four screws on the bottom are loose for ventilate conveniently when they leaving the factory

GR20E-20
无传感器(Without Sensor)



Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00344	GR20E-20	-	80N	129g

Profile

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

GR 20 Serisi Yolluk Tutucular Sprue Gripper GR20 Series

Profile, SUS Tube
Profilier

Stents Module
Bağlantı Modülleri

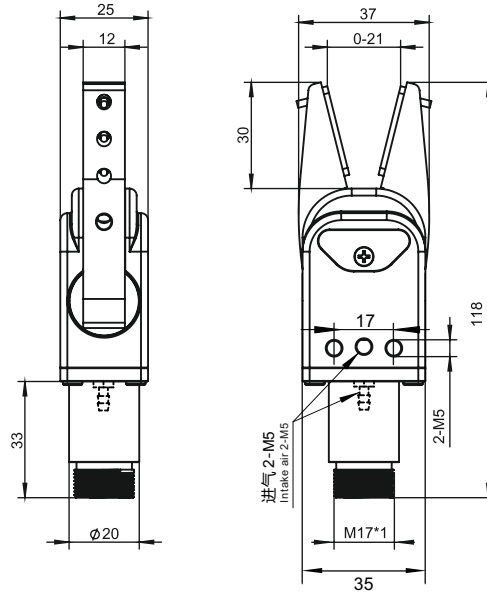
Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri



Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00345	GR20F-20	-	80N	128g

GRT20 Serisi Yolluk Tutucular Sprue Gripper GRT20 Series

1. Gövde Yüksek Sertlikteki Alüminyumdan yapılmıştır, hafif, rijit ve uzun ömürlüdür.
2. Vidalı komponentlerin montajında veya CRG Komponentlerine kolaylıkla montaj edilir.
3. GR Serisi Yolluk Tutucular rahat tutabilmesi için farklı çene tiplerine sahiptir.
1. Main body being made of high-strength Aluminium , light weight , strong rigidity and long life cycle.
2. Using threaded components or CRG's components when to assemble.
3. GR series of sprue gripper can choose different types of jaws to satisfy the clamping of various sprue gate.



GRT20A
Sensörsüz
(Without Sensor)



GRT20B
Sensörsüz
(Without Sensor)



GRT20C
Sensörsüz
(Without Sensor)



GRT20E
Sensörsüz
(Without Sensor)



GRT20A-CN(CP)
Sensörlü
(With Sensor)



GRT20B-CN(CP)
Sensörlü
(With Sensor)



GRT20D
Sensörlü
(Without Sensor)



GRT20E-CN(CP)
Sensörlü
(With Sensor)

Stok Kodu(PN)	Model(Model)	Sensör Tipi(Switch type)	Kuvvet(F)	Ağırlık(Weight)
8.Y00257	GRT20A	-	100N	111g
8.Y00258	GRT20A-CN	NPN	100N	130g
8.Y00259	GRT20A-CP	PNP	100N	130g
8.Y00279	GRT20B	-	100N	155g
8.Y00281	GRT20B-CN	NPN	100N	153g
8.Y00282	GRT20B-CP	PNP	100N	153g
8.Y00316	GRT20C	-	100N	144g
8.Y00317	GRT20D	-	100N	160g
8.Y00318	GRT20E	-	100N	161g
8.Y00339	GRT20E-CN	NPN	100N	165g
8.Y00340	GRT20E-CP	PNP	100N	165g

Profile
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

Air Nipper
Havalı Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

GRT20 Serisi Yolluk Tutucular Sprue Gripper GRT20 Series

Profile, SUS Tube
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

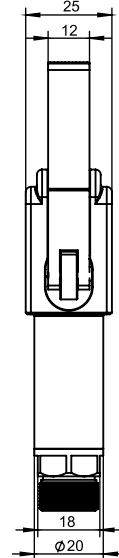
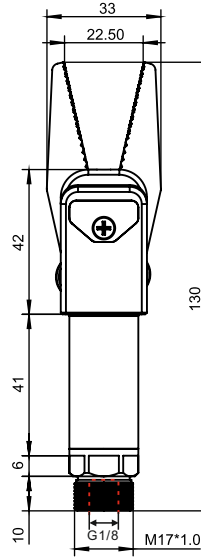
Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

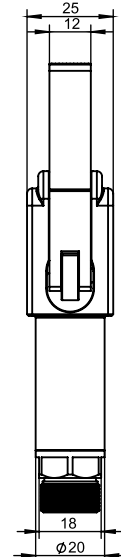
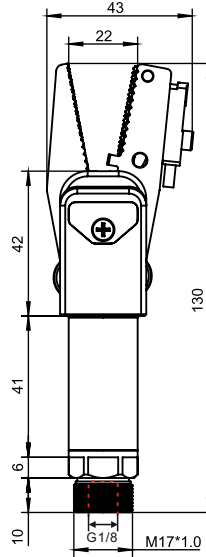


GRT20A
Sensörsüz(Without Sensor)



GX-F8A-P (PNP)
GX-F8A (NPN)

GRT20A-CN(CP)
Sensörlü(With Sensor)

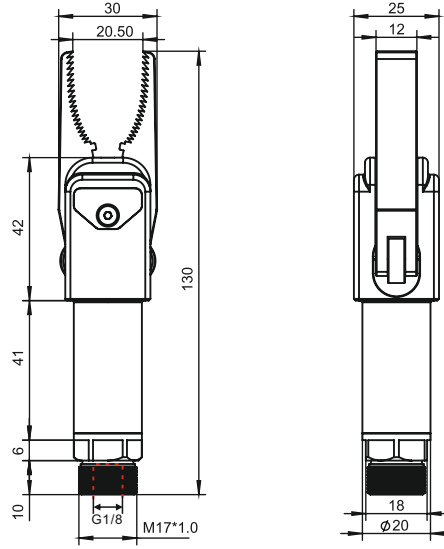


Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00257	GRT20A	-	100N	111g
8.Y00258	GRT20A-CN	NPN	100N	130g
8.Y00259	GRT20A-CP	PNP	100N	130g

GRT20 Serisi Yolluk Tutucular Sprue Gripper GRT20 Series

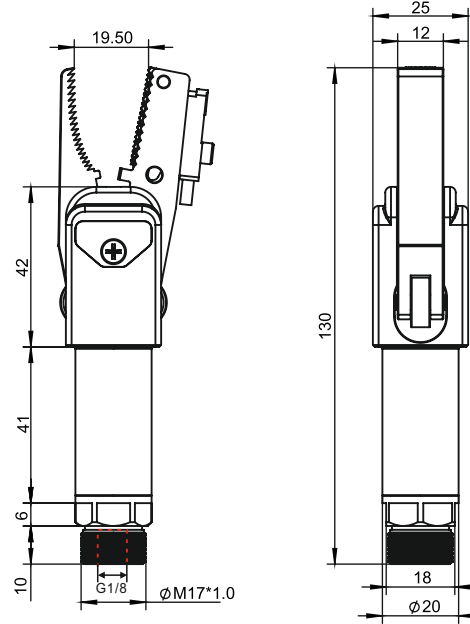


GRT20B
Sensörsüz(Without Sensor)



GRT20B-CN(CP)
Sensörlü(With Sensor)

GX-F8A-P (PNP)
GX-F8A (NPN)



Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00279	GRT20B	-	100N	155g
8.Y00281	GRT20B-CN	NPN	100N	153g
8.Y00282	GRT20B-CP	PNP	100N	153g

Profile
Profiler

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

Air Nipper
Havalı Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

GRT20 Serisi Yolluk Tutucular Sprue Gripper GRT20 Series

Profile, SUS Tube
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

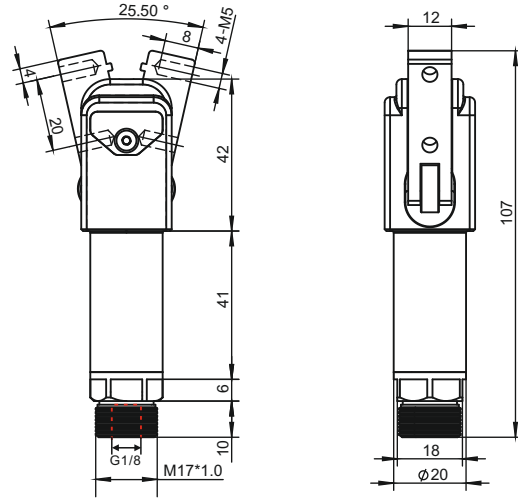
Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri



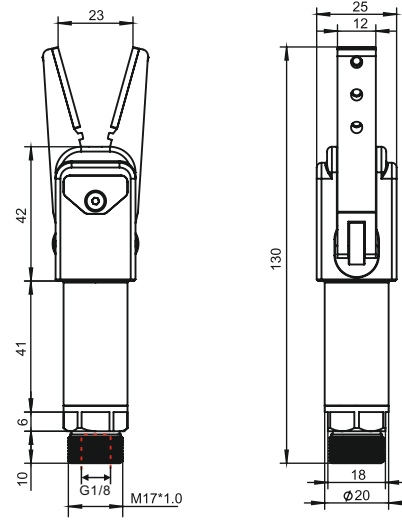
GRT20C
Sensörsüz(Without Sensor)



Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00316	GRT20C	-	100N	144g



GRT20D
Sensörsüz(Without Sensor)

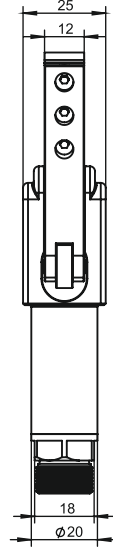
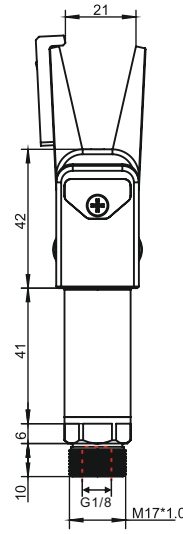


Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00317	GRT20D	-	100N	160g

GRT20 Serisi Yolluk Tutucular Sprue Gripper GRT20 Series

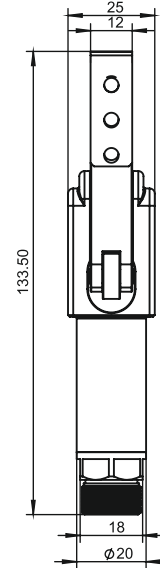
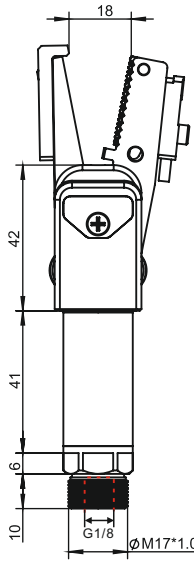


GRT20E
Sensörsüz(Without Sensor)



GRT20E-CN(CP)
Sensörlü(With Sensor)

GX-F8A-P (PNP)
GX-F8A (NPN)



Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00318	GRT20E	-	100N	161g
8.Y00339	GRT20E-CN	NPN	100N	165g
8.Y00340	GRT20E-CP	PNP	100N	165g

Profile
Profiler

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Hava Kesisiciler

Vacuum Module
Vakum Modülleri

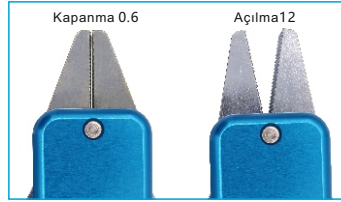
Accessory Components
Aksesuar Komponentleri



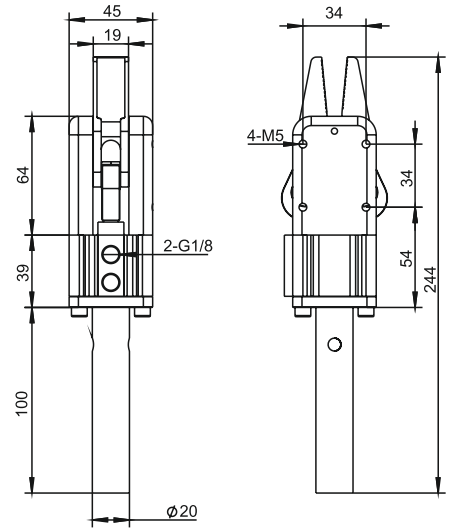
Değiştirilebilir
Uzunluk
50, 100, 150



A Tipi Çene



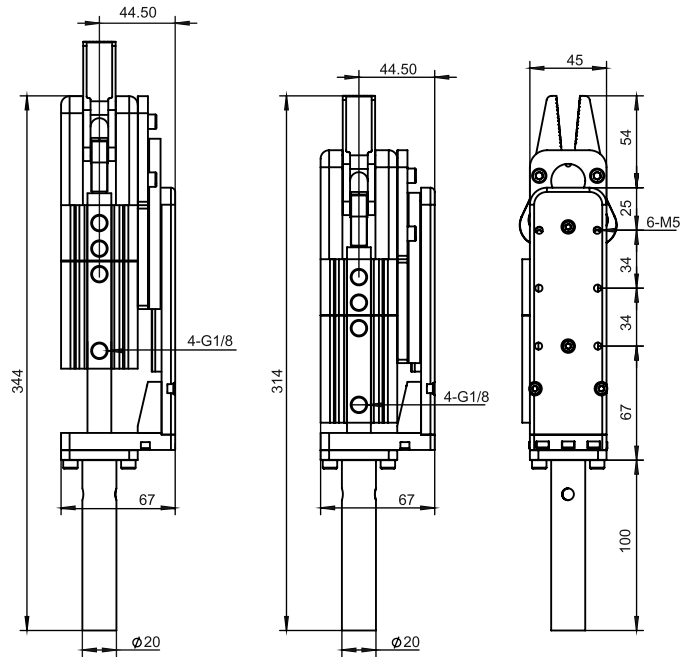
B Tipi Çene



GRP32A



Değiştirilebilir
Uzunluk
50, 100, 150



GRP32A-30

Ürün Açıklaması Product Description

GRP32 Serisi

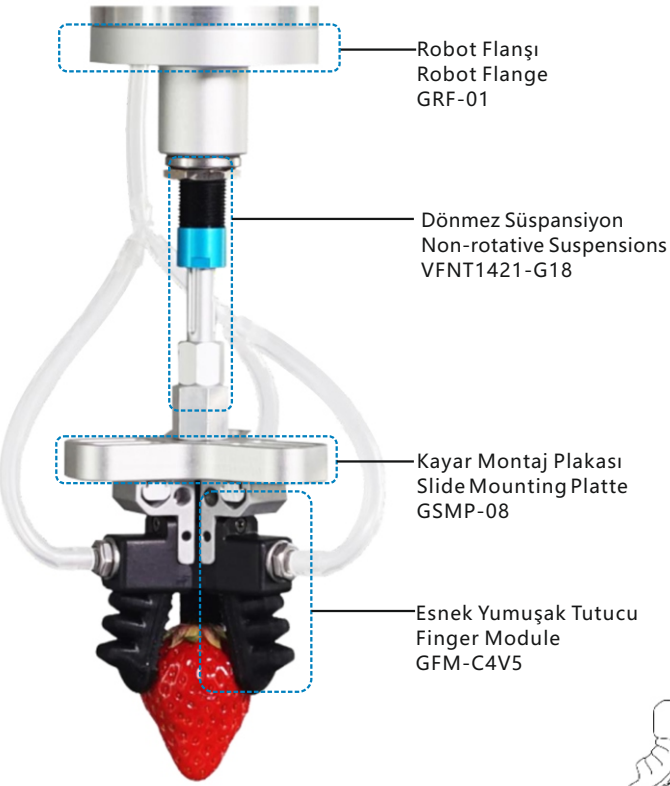
Standart Çene Tipi, Çift Hareket Fonksiyonu.
CRG Bağlantı elemanlarına tam uyumlu
Bağlantı Çapı 20mm.
Çalışma Şartları:
Çalışma Basıncı 6 bar.
Filtrelenmiş ve kurutulmuş basınçlı hava

Series GRP32

Standard jaws with teeth, Double action function.
Fully compatible with CRG's modular EOAT/gripper system.
20mm shaft diameter.
Requirements:
Working air pressure 6 bar.
Requires filtered dry air.

Stok Kodu(PN)	Model(Model)	Sensör Tipi(Sensor)	Kuvvet(F)	Ağırlık(Weight)
8.Y00278	GRP32A	-	200N	604g
8.Y00315	GRP32A-30	-	200N	1276g
8.Y00388	GRP32B	-	200N	608g
8.Y00387	GRP32B-30	-	200N	1282g

GFM/GBS Esnek Yumuşak Tutucu Flexible Soft Gripper GFM/GBS Series

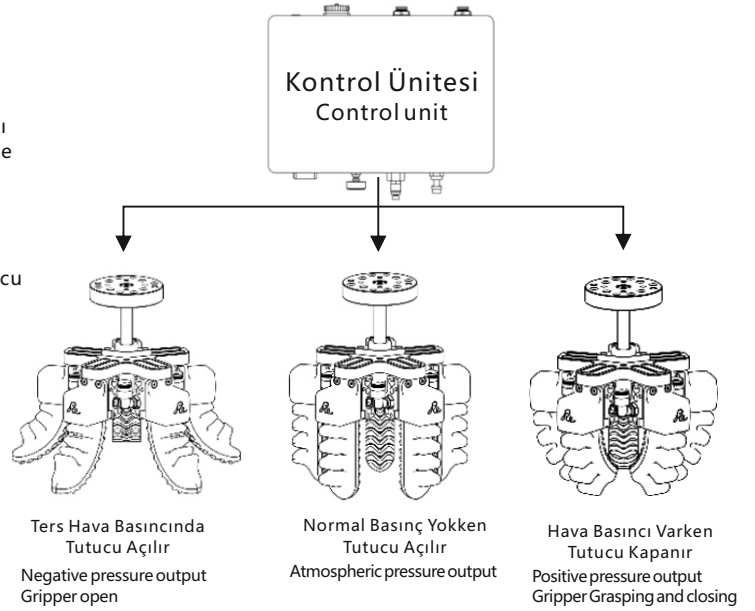


3 Parmak Tutucu Özel
3 Fingers Gripper Suit

Esnek tutucu, pnömatik tahrik teknolojisini kullanır. Esnek Tutucu, hava basıncıyla parmakların açılması ve kapanmasını sağlar. Esnek kavrama veya harici destek elde etmek için eylemleri açma ve kapatma. Bu şekilde esnek kavrama işlemini gerçekleştirir. Hava basıncından parmakların sıkma gücünü ayarlayabilir, farklı nesnelerin esnek bir şekilde kavranmasını sağlar ve parçaların sıkışmasını engelleyebilirsiniz.

flexible soft grippers adopt pneumatic drive technology, through positive and negative pressure transform to achieve fingers opening and closing movement. Then realize flexible gripping or outrigger action.

The gripper grab strength is adjusted by air pressure. Then achieve flexible gripping of different objects while avoiding damage objects.



Uygulama Application

FGıda Endüstrisi
Gıdaya uygun malzemeler güvenli ve toksik değildir ve FDA gıda sınıfı test standartlarını geçmiştir. Doğrudan gıda ile temas edebilir, özellikle düzensiz vakumlu torbalar için uygundur. Yiyecek, hamur ve hamur işlerini ayırma ve paketlenme vb.

Food industry
Food grade materials are safe and non-toxic, especially suitable for grabbing liquid packaging, Bread and cake sorting and packaging, etc.

Tekstil Endüstrisi
Plastik poşetlerin ve esnek ambalajların tasnif edilmesi ve taşınmasının yanı sıra kumaşlar için uygundur. Giysi ve kumaşlar gibi çeşitli yumuşak ve nefes alabilen malzemelerin yüklenmesi, boşaltılması ve taşınması.

Clothing industry
It's suitable for handling and sorting express packages, Not only for cube express box, but also for all kinds of shapes such as different express bags.

Otomotiv Endüstrisi
Araba farlarının, alet gruplarının, özel şekilli parçaların ve kolayca çizilen parçaların ayrılması için kullanılır. Özellikle küçük parçalar için toplama, taşıma, yükleme ve boşaltma, çoklu parti esnekliği.

Auto industry
It is used for the sorting and handling of the parts which are easy to scratch in auto lamp, instrument assembly, irregular parts and easy to scratch parts. It can also be used for the sorting and handling of mold and tooling in automobile parts manufacturing.

3C Elektronik Endüstrisi
Yüksek hassasiyetli konumlandırma hassas elektronik aletler, cep telefonları ve diğer ürünler için uygundur. Montaj, sıralama, test ve paketlenme süreçleri için uygundur.

3C electron industry
It's suitable for high precision positioning precision electronic instruments, and the assembly, sorting, testing and packaging of mobile phones and other products.

Kimya Endüstrisi
Ambalajın görünümü ve ambalaj yüzeyinin çizilmesi kolay ürünler için uygundur. Ürün, özellikle büyük şampuan şişeleri ve diğer yüzeye sarılmış plastik film için uygundur.

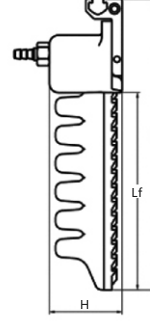
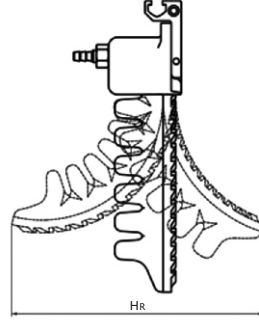
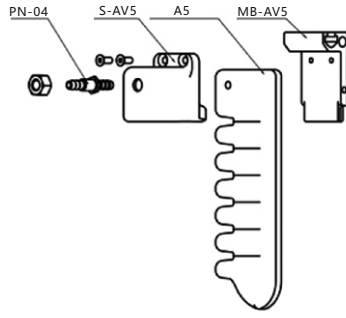
Daily chemical industry
It is suitable for lipstick and other products that required no scratch on the appearance of the package, especially suitable for large bottle shampoo and other products covered with plastic film.

Medikal Endüstri
İnfüzyon tüpleri ve test tüpleri gibi tıbbi sarf malzemeleri ve şişelemek için kullanılır. Tıbbi cihazların üretimi ve dezenfeksiyonu dahil paketlerdeki reaktifler için kullanılır.

Medical industry
It is used for grasping medical consumables such as infusion tube and test tube. It also can grab bottle and liquid packaging injection. Including for the production of medical equipment sterilization and so on.

Parmak Modülü Finger Module

V5 Serisi / Series-GFM-V5

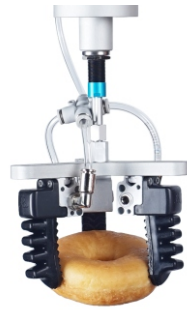
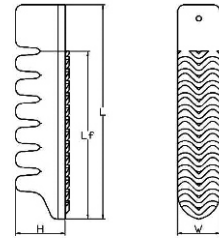
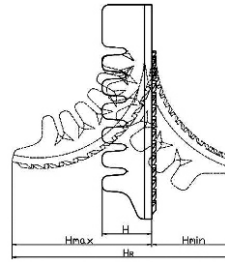
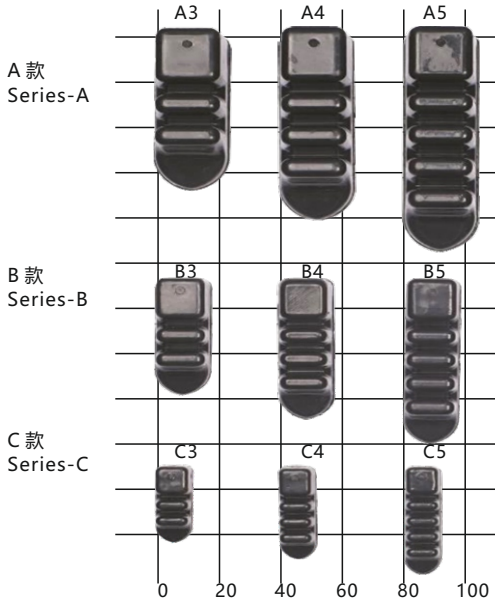


Seri Series	Stok Kodu PN	Model Model	Yükseklik H[mm]	Parmak Hareket Stroğu Fingertip Stroke HR [mm]	Parmak Uzunluğu Lf[mm]	Toplam Uzunluk L[mm]	Genişlik W[mm]	Taşıma K.[g] Load Range[g]	Ağırlığı[g] Self Weight[g]
A Serisi	4.Y00500	GFM-A3V5	36	30	41	88	31	200 - 500	52
	4.Y00501	GFM-A4V5		55	55	102			57
	4.Y00502	GFM-A5V5		80	69	116			62
B Serisi	4.Y00503	GFM-B3V5	29	38	31	71	25	150 - 300	28
	4.Y00504	GFM-B4V5		50	42	82			29.5
	4.Y00505	GFM-B5V5		80	52	92			31
C Serisi	4.Y00506	GFM-C3V5	22	22	21	53	18	0 - 100	13.7
	4.Y00507	GFM-C4V5		36	28	60			14.5
	4.Y00508	GFM-C5V5		41	35	67			15.3

Esnek Parmak Flexible Finger

Model Karşılaştırması / Model comparison

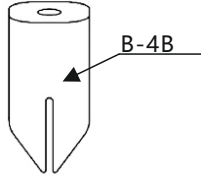
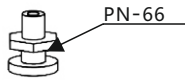
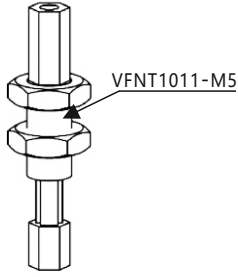
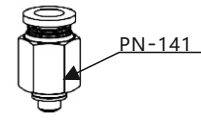
Ölçü Parametreleri / Size Parameter



Seri Series	Stok Kodu PN	Model Model	Yükseklik H[mm]	Parmak Ucu StrokHR[mm] Fingertip Stroke HR [mm]		Parmak Yüksekliği Lf[mm]	Uzunluk L[mm]	Genişlik W[mm]	Taşıma K.[g] Load Range[g]	Ağırlığı[g] Self Weight[g]
				Poz. Basınçta Hmin Positive Pressure Hmin	Negatif Basınçta Hmax Negative Pressure Hmax					
Aserisi	1.Y08421	A3	28	10	20	41	69	24	200-500	30
	1.Y08422	A4		25	30	55	83			35
	1.Y08423	A5		35	45	69	97			40
Bserisi	1.Y08424	B3	21	19	19	31	52	18	150-300	14
	1.Y08425	B4		25	25	42	62			15.5
	1.Y08426	B5		40	40	52	73			17
Cserisi	1.Y08427	C3	14	12	10	21	34	12	0-100	3.7
	1.Y08428	C4		18	18	28	41			4.5
	1.Y08429	C5		21	20	35	48			5.3

Yumuşak Sıkıştırma Ucu Roro Beak Suit

GBS-4B-S01 4 Serisi GBS-4B-S01 4 pieces Beak Suit



Süspansiyona Montaj
VFNT1011-M5
Assembling Suit
VFNT1011-M5

Yumuşak Sıkıştırıcı
B-4B
Roro Beak
B-4B



Yüzük Tutmak İçin 3 Uçlu Sıkıştırıcı
3 Pieces Application: Gripping jewelry by external bracing



Conta Tutmak İçin 3 uçlu yumuşak tutucu
3 Pieces Application: Gripping ring by external bracing



Elektronik parça tutmak için 4 uçlu yumuşak tutucu
4 Pieces Application: Gripping products in Electronic industry

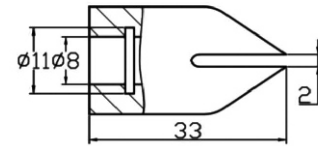
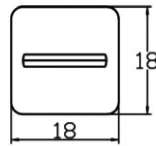
Stok Kodu (PN)	Model (Model)	Taşıma Kapasitesi (Maximum Load)	Maksimum Çalışma Frekansı (Maximum Working Frequency)	Hassasiyet (Precision Range)
4.Y00509	GBS-2B-S01	5 g	200 times/min	0.1 mm
4.Y00510	GBS-3B-S01	5 g	200 times/min	0.1 mm
4.Y00511	GBS-4B-S01	5 g	200 times/min	0.1 mm

Yumuşak Tutucu Roro Beak

2 Uçlu yumuşak tutucu kavrama aralı 1-5mm dir.Lifli ve küçük nesneleri tutmak içindir.
2 pieces Roro Beak Gripping Range: 1-5mm, Application: fibrous, striped small objects

Yumuşak Tutucu B-2B
Roro Beak B-2B

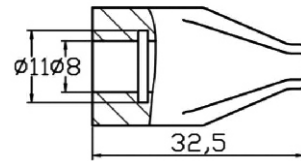
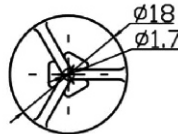
Stok K.(PN)	1.Y08430
Model(Model)	B-2B



3 Uçlu yumuşak tutucu kavrama aralı 7-12mm dir. Küçük dairesel parçaları tutmak içindir.
3 pieces Roro Beak Gripping Range: 7-12mm, Application: gripping small rings by external bracing

Yumuşak Tutucu B-3B
Roro Beak B-3B

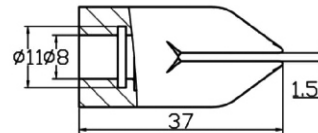
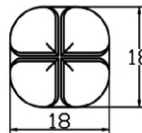
Stok Kodu(PN)	1.Y08431
Model(Model)	B-3B



4 Uçlu yumuşak tutucu kavrama aralı 1-5mm dir.Düzgün olmayan küçük parçaları tutmak içindir.
4 pieces Roro Beak Gripping Range: 1-5mm, Application: spherical, irregular small objects, the best universality

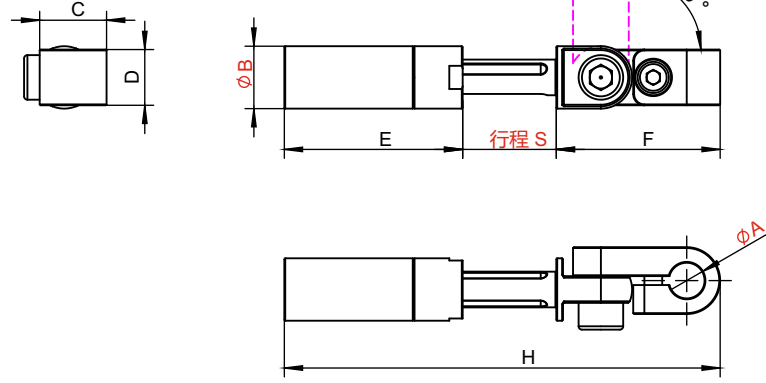
Yumuşak Tutucu B-4B
Roro Beak B-4B

Stok Kodu(PN)	1.Y08432
Model(Model)	B-4B

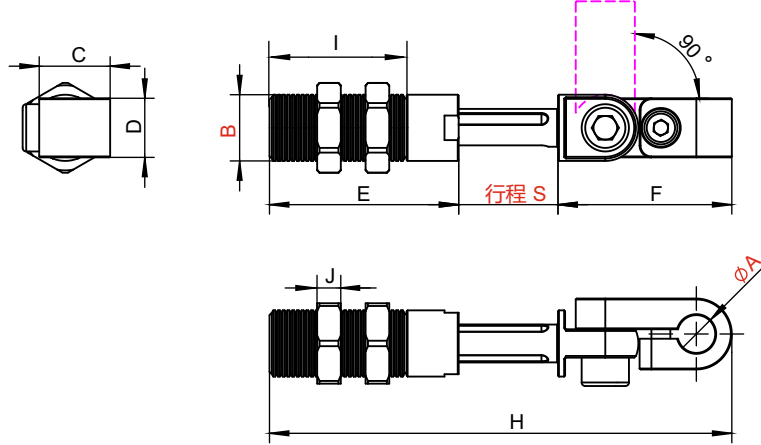


Açısı Ayarlanabilir Süspansiyonlu Uzatma Aparatı Buffer Support

Ölçüler (mm) / Dimensions (mm)

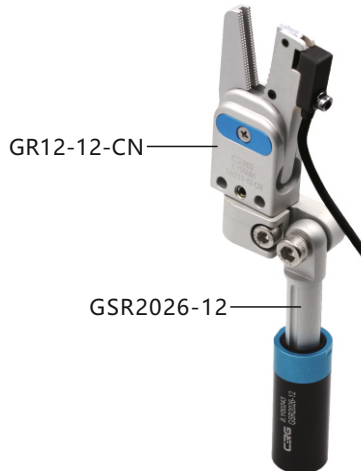


Stok K.(PN)	(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	H(mm)	S(mm)	Ağırlık(Weight)
8.Y00241	GSR1421-08	8	14	15	12.5	40	36.75	97.75	21	36g
8.Y00329	GSR2026-10	10	20	20	15	50	45.5	121.5	26	74g
8.Y00243	GSR2026-12	12	20	20	15	50	45.5	121.5	26	73g
8.Y00330	GSR2051-10	10	20	20	15	84	45.5	180.5	51	111g
8.Y00331	GSR2051-12	12	20	20	15	84	45.5	180.5	51	110g



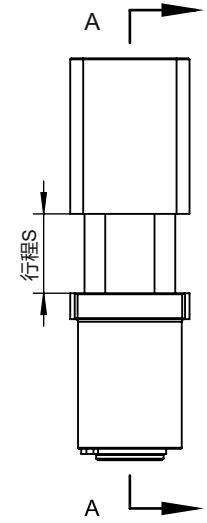
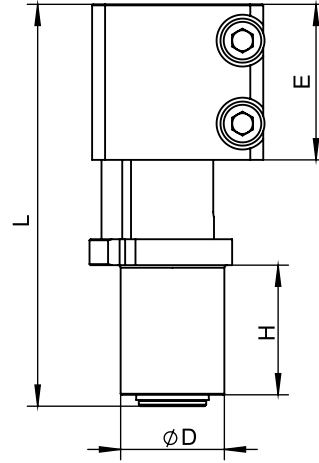
Stok K.(PN)	(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	H(mm)	I(mm)	J(mm)	S(mm)	Ağ.(Weight)
8.Y00242	GSRT1421-08	8	M14	15	12.5	40	36.75	97.75	29	2.7	21	43g
8.Y00332	GSRT2026-10	10	M20	20	15	50	45.5	121.5	39	3.9	26	92g
8.Y00244	GSRT2026-12	12	M20	20	15	50	45.5	121.5	39	3.9	26	91g
8.Y00333	GSRT2051-10	10	M20	20	15	84	45.5	180.5	39	3.9	51	129g
8.Y00334	GSRT2051-12	12	M20	20	15	84	45.5	180.5	39	3.9	51	128g

Uygulama Örneği / Application example

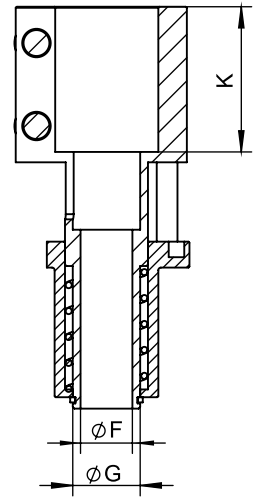
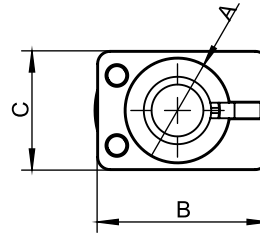
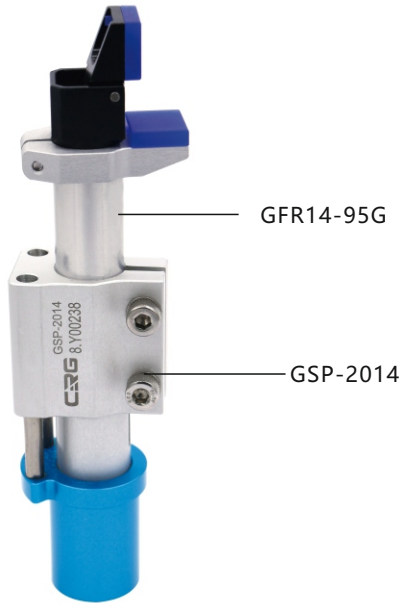


Düz Süspansiyonlu Uzatma Aparatı Buffer Support

Ölçüler (mm) / Dimensions (mm)



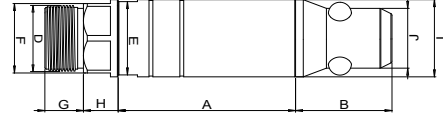
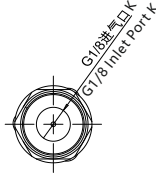
Uygulama Örneği/ Application example



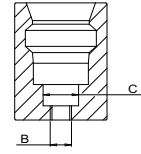
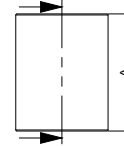
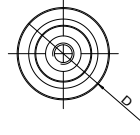
Stok K.(PN)	(Model)	A	B	C	D	E	F	G	H	L	K	Strok S	Ağ.(Weight)
8.Y00238	GSP20-14	14	31	20	20	30	10	13	25	77.5	28	15	57g
8.Y00239	GSP20-20	20	33	23	20	30	10	13	25	77.5	28	15	65g

Robot Merkezleme Tutucusu Mould Positioner

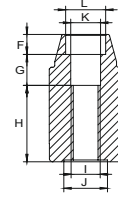
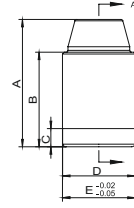
Ölçüler (mm) / Dimensions (mm)



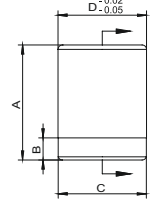
Stok K(PN)	(Model)	A	B	D	E	F	G	H	I	J	K	Mak. Kilit. Kuv.	(Weight)
8.Y00088	GMP20A	46	25	M17*1	19	18	10	9	Ø20	Ø15.5	G1/8	190N	78g
8.Y00089	GMP30A	75	38	M27*1	28	27	11	10	Ø30	Ø25.5	G1/8	280N	303g



Stok K(PN)	(Model)	A	B	C	D	Ağırlık(Weight)
7.Y00726	GMP20B	33	M6	10	26h7	87g
7.Y00789	GMP30B	43.5	M8	11	40h7	264g

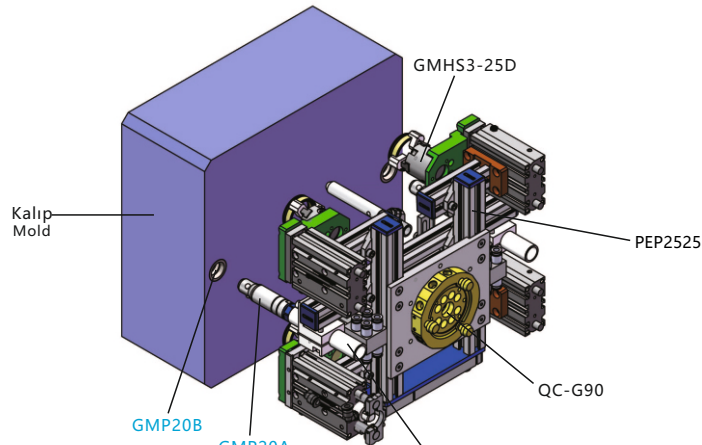


Stok K(PN)	(Model)	A	B	C	D	E	F	G	H	I	J	K	L	重量(Weight)
7.Y00894	GLU20A	35	26	5	Ø19.92	Ø20	5.50	8.50	21	M8	Ø12	Ø8.20	Ø11	61g



Stok K(PN)	(Model)	A	B	C	D	E	F	G	H	重量(Weight)
7.Y00895	GLU20B	26	5	Ø19.92	Ø20	M8	Ø11	15.50	10.50	42g

Uygulama Örneği / Application example



Pnömatik İğne Tutucu(GN Serisi) Pneumatic Needle Gripper(Series GN)

Profile, SUS Tube

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri



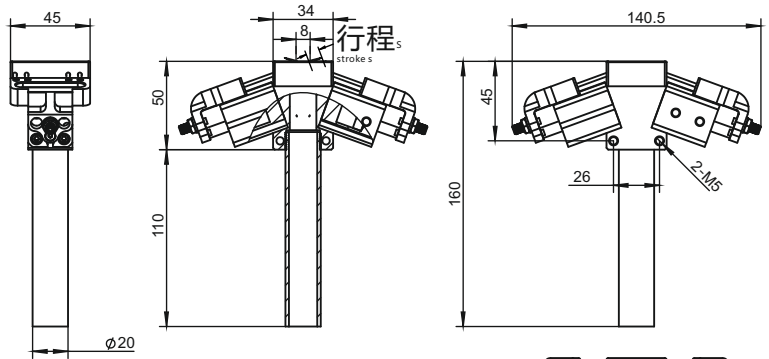
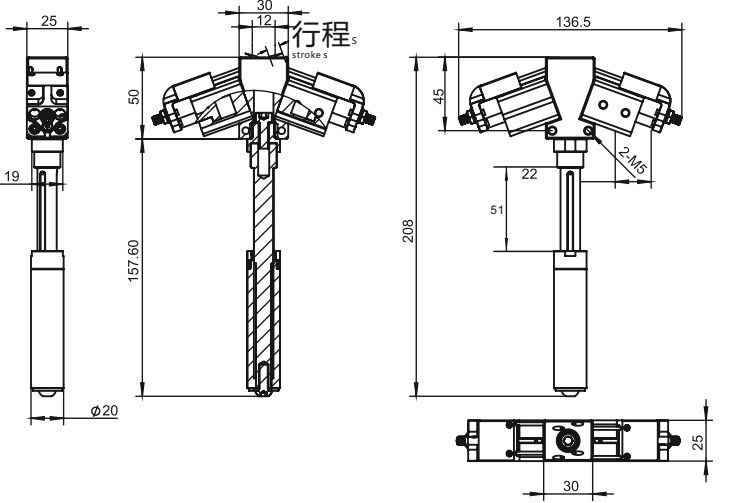
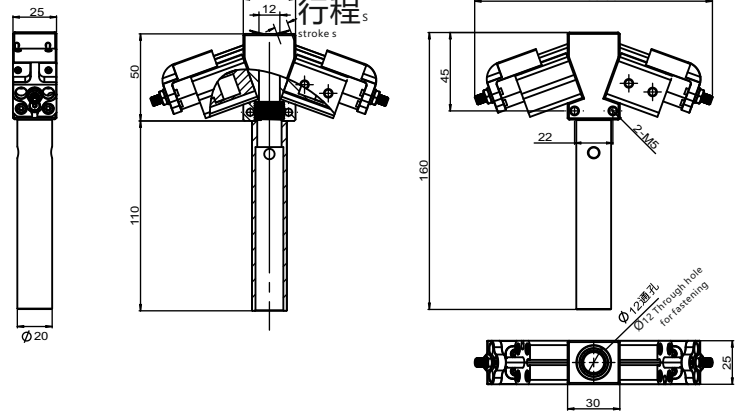
GN2010
4针



GN2010-S51
4针



GN2010-8
8针



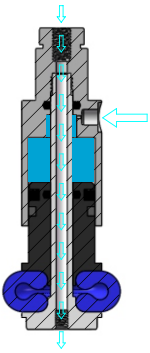
Çoğunlukla otomotiv endüstrisinde dokunmamış kumaşlara gömmek için kullanılır, ancak aynı zamanda örgü kumaş ve sünger gibi nesneleri çıkarmak veya gömmek için kullanılır.Çelik iğnenin uzatma uzunluğu ayarlanabilir ve standart olmayan çelik iğne uzunluğu müşteri gereksinimlerine göre özelleştirilebilir.

Being used for embedding and taking out nonwoven fabric, net cloth and sponge.The length of the steel needle can be not only adjustable, but also customized according to the requirements of the customer.

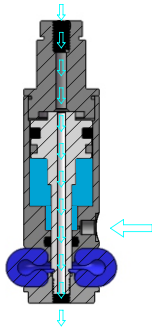
Stok Kodu(PN)	8.Y00025	8.Y00341	8.Y00347
Model (Model)	GN2010	GN2010-S51	GN2010-8
Gereksinimleri Medium	Filtered, lubricated / non lubricated compressed air		
Çalışma Basıncı Pressure range	3 ~ 8 bar		
Çalışma Sıcaklığı Temperature range	-10° ~ 70 °C.		
6 bar da Açılma Kuvveti Opening total gripping force at 6 bar	90 N		
Strok İhtiyacı Needle stroke s	0 ~ 10 mm		
Harcadığı Hava Miktarı Cycle air consumption	3.5 cm ³		
Ağırlık Weight	274g	240g	317g

Model Seçim Metodu

Model representation methods



GBD...HD



GBD...HU

GBD

18

H

D

Ürün Çapı
basic size

Body Diameter

Orta Delik
Middle through hole

Hareket Yönü
Actuation direction

D - Aşağıya
D - Downward
U - Yukarıya
U - Upward

Aşağıya veya Yukarıya Doğru Hareket Eder
Elastik parça silikon veya kauçuk olabilir.
Parça ölçüleri 18 - 31mm arasındadır

Downward movement, or Upward movement.

The elastic part can be in Silicone or Rubber.

Grip diameters from 18 to 31 mm.

Several mounting accessories.

Üzerinden
H modelinin merkezi bir yolu vardır. Basıncılı hava üflenebilir veya parçaları soğutarak veya sızıntıları kontrol ederek vakum sağlanabilir.

Through hole for fastening

The ...H models have a central through hole. It can be used to blow compressed air, or to provide vacuum, with the purpose to cool a part, or to check the leakage.

Silikon Kauçuk Silicone rubber

Elastik kısmı mavi silikon veya şeffaf silikon kullanır. Silikon, uzun bir hizmet ömrü sağlamak için daha yüksek bir sıcaklıklarda çalışabilir. Silikon (mavi veya şeffaf) yedek parça olarak alınabilir ve aşındıktan sonra değiştirilebilir. Silikondan üretilen halkanın 1 milyon kez kullanılması bekleniyor

The elastic part can be in blue Silicone, or transparent silicone.

Silicone can be used over a wider temperature range and assures a longer life time.

The elastic part in Silicone is available as a spare part and can be replaced, when worn out.

The expected medium life time of the elastic part in Silicone is about 1 million cycles.

Yedek Elastik Parça
Spare elastic part



S1
Mavi Silikon
Blue Silicone



S2
Şeffaf Silikon
Transparent
silicone

Silicone can be shipped by customers

Özellik(Spec.)	Ø18	Ø22
Model(Model)	18-S1	22-S1
Stok Kodu(PN)	4.Y00470	4.Y00471
Model(Model)	18-S2	22-S2
Stok Kodu(PN)	4.Y00472	4.Y00473
Genleşmeli T.(Bulging device)	GBD18U GBD18HD	GBD22HU

T-Elastik Parça Çalışma Sıcaklığı(5~60°C Tutucu Gövdesi İçin)

T - Operating temperature of the elastic part (5~60°C for the gripper body)

Genleşmeli Tutucu Bulging Device

Profile, SUS Tube
Profilier

Stents Module
Bağlantı Modülleri

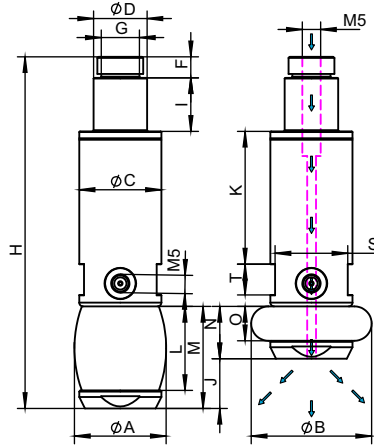
Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

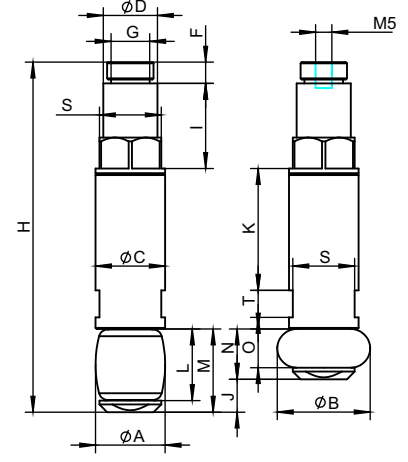
Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

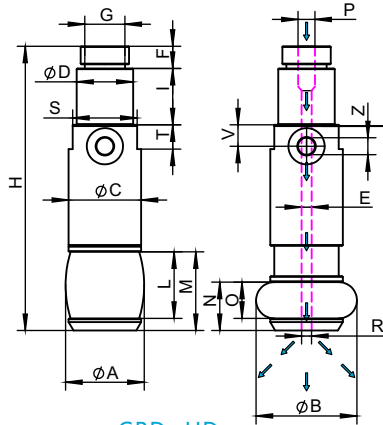


GBD...HU



GBD...U

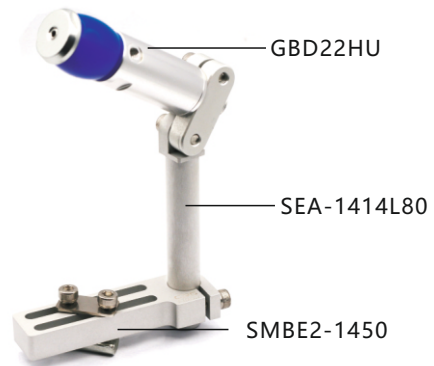
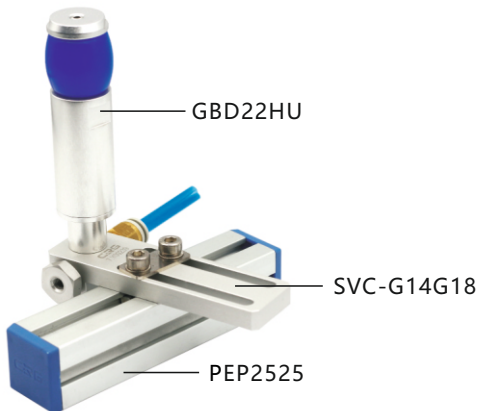
Stok K(PN) (Model)	ØA	ØB	ØC	ØD	F	G	H	I	J	K	L	M	N	O	S	T	Ağ.
8.Y00212 GBD18U	18	24	18	14	5.5	M12×1	90.5	22	8.5	31.5	18.5	21.5	13	10	16	7	39.7
8.Y00058 GBD22HU	24	31.5	21.3	14	5.5	M12×1	92	14	13	34.8	22	26.7	13.7	9	19	8	53.8



GBD...HD

Stok K(PN) (Model)	ØA	ØB	ØC	ØD	ØE	F	G	H	I	L	M	N	O	P	R	S	T	V	Z	Ağ.
8.Y00057 GBD18HD	19.5	25	18	14	2.5	5.5	M12×1	70.5	14	16.5	19.5	12	9	M5	M3	16	6	5.3	M5	27.4

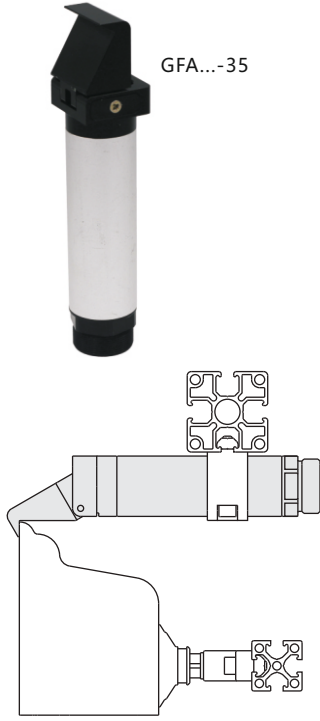
Uygulama Örneği / Application example



Tek Parmaklı Açılı Pnömatik Tutucular (GF Serisi)

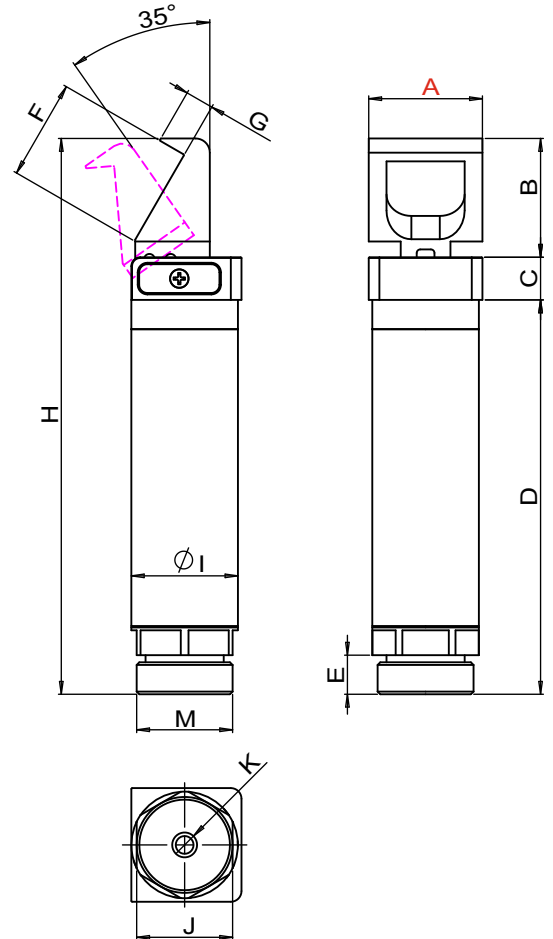
One Finger Angular Pneumatic Grippers (Series GF)

- Tek Hareket
- Yerleşik Manyetik Halka
- Single acting.
- Built-in magnetic ring



Stok Kodu(PN)	8.Y00117	8.Y00118	8.Y00119
Model(Model)	GFA14-35	GFA20-35	GFA30-35
Çalışma Gereklinimi Medium	Kurutulmuş, filtrelenmiş Basıncı Hava Filtered, lubricated / non lubricated compressed air		
Tutucu Gövdesi Gripper body	Alüminyum Aluminium		
Çalışma Basıncı Pressure range	2.5 ~ 8 bar		
Çalışma Sıcaklığı Temperature range	-10 ~ 70 °C.		
Strok Stroke	35°		
Piston Çapı Piston bore	Ø10 mm	Ø16 mm	Ø25 mm
6 bar da Kapama Kuvveti Closing torque at 6 bar	26 Ncm	100 Ncm	430 Ncm
Harcadığı Hava Miktarı Cycle air consumption	0.4 cm ³	1.24 cm ³	4.56 cm ³
Ağırlık Weight	25g	65g	206g
Yerleşik Manyetik Halka Built-in magnetic ring	Var	Var	Var

Stok K.(PN)	8.Y00117	8.Y00118	8.Y00119
(Model)	GFA14-35	GFA20-35	GFA30-35
A	14	20	30
B	14	20.5	30
C	10.5	9	12
D	49.5	76.5	111
E	5.5	8	11
F	13.5	20.2	30.5
G	4.5	6	8
H	74	106	153
I	Ø14	Ø20	Ø30
J	12	17	27
K	M5	M5	G1/8
M	M12×1	M17×1	M27×1



Profile
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

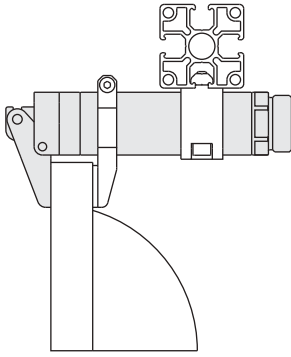
Tek Parmaklı Açılı Pnömatik Tutucular (GF Serisi)

One Finger Angular Pneumatic Grippers (Series GF)

- Tek Hareket
- Yerleşik Manyetik Halka
- Single acting.
- Built-in magnetic ring

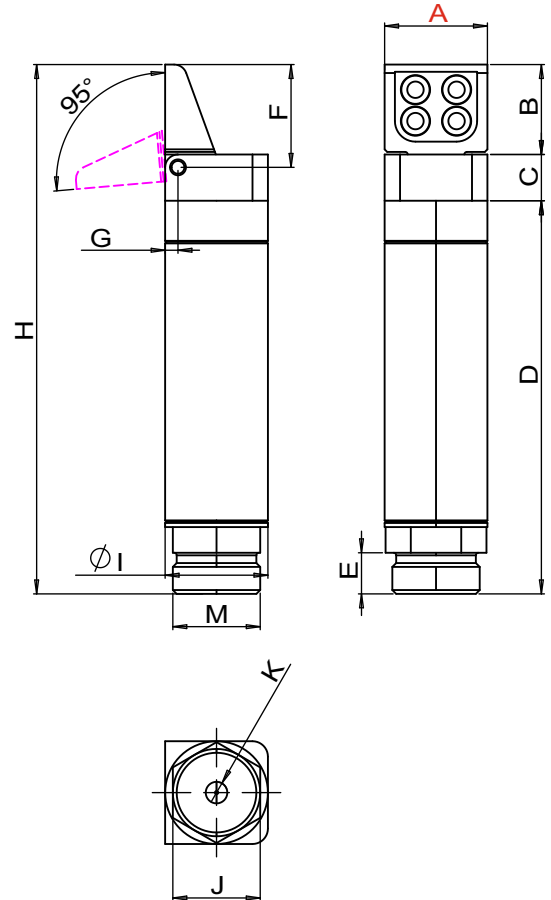


GFR...-95



Stok Kodu(PN)	8.Y00042	8.Y00311	8.Y00095
Model(Model)	GFR14-95	GFR20-95E	GFR30-95
Çalışma Gereksinimi Medium	Kurutulmuş, filtrelenmiş Basıncılı Hava Filtered, lubricated / non lubricated compressed air		
Tutucu Gövdesi Gripper body	Alüminyum Aluminium		
Çalışma Basıncı Pressure range	2.5 ~ 8 bar		
Çalışma Sıcaklığı Temperature range	-10 ~ 70 °C.		
Strok Stroke	95°		
Piston Çapı Piston bore	Ø10 mm	Ø16 mm	Ø25 mm
6 bar da Kapama Kuvveti Closing torque at 6 bar	19 Ncm	70 Ncm	300 Ncm
Harcadığı Hava Miktarı Cycle air consumption	1 cm ³	3.52 cm ³	12.9 cm ³
Ağırlık Weight	25g	60g	193g
Yerleşik Manyetik Halka Built-in magnetic ring	Var	Var	Var
Açıklama Remark	Değiştirin 8 • Y00041		

Stok K.(PN)	8.Y00042	8.Y00311	8.Y00095
(Model)	GFR14-95	GFR20-95E	GFR30-95
A	14	20	30
B	12	17.5	25
C	10.5	9	12
D	49.5	76.5	111
E	5.5	8	11
F	14	20	29
G	2	2.5	4
H	72	103	148
I	Ø14	Ø20	Ø30
J	12	17	27
K	M5	M5	G1/8
M	M12×1	M17×1	M27×1



Profile, SUS Tube

Stents Module

Quick Changer

Grip Module

Air Nipper

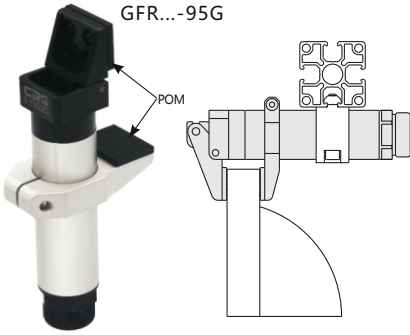
Vacuum Module

Accessory Components

Tek Parmaklı Açılı Pnömatik Tutucular (GF Serisi)

One Finger Angular Pneumatic Grippers (Series GF)

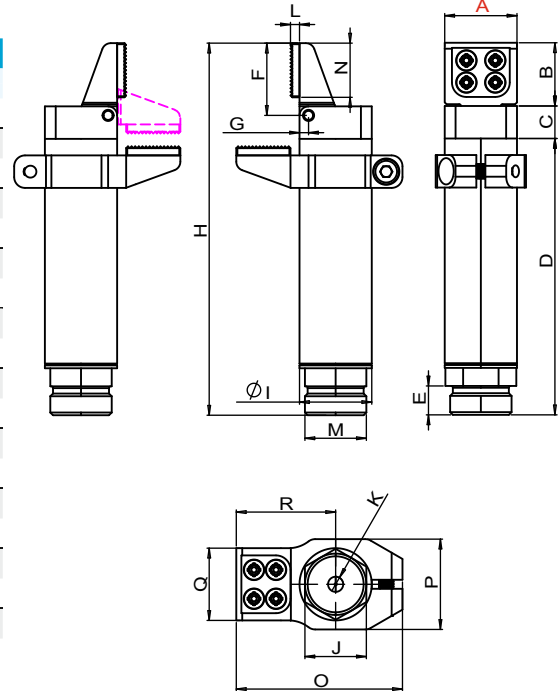
- Tek Hareket
- Yerleşik Manyetik Halka
- Single acting.
- Built-in magnetic ring



Stok Kodu(PN)	8.Y00084	8.Y00312	8.Y00096
Model(Model)	GFR14-95G	GFR20-95EG	GFR30-95G
Çalışma Gereksinimi Medium	Kurutulmuş, filtrelenmiş Basıncılı Hava Filtered, lubricated / non lubricated compressed air		
Tutucu Gövdesi Gripper body	Alüminyum Aluminium		
Çalışma Basıncı Pressure range	2.5 ~ 8 bar		
Çalışma Sıcaklığı Temperature range	-10 ~ 70 °C.		
Strok Stroke	95°		
Piston Çapı Piston bore	Ø10 mm	Ø16 mm	Ø25 mm
6 bar da Kapama Kuvveti Closing torque at 6 bar	19 Ncm	70 Ncm	300 Ncm
Harcadığı Hava Miktarı Cycle air consumption	1cm ³	3.52cm ³	12.9 cm ³
Ağırlık Weight	36g	87g	300g
Yerleşik Manyetik Halka Built-in magnetic ring	Var	Var	Var
Açıklama Remark	8 • Y00083 Değiştirin		

Stok Kodu(PN)	4.Y00486	4.Y00485	-
Model(Model)	SIL-14G	SIL-20G	-
Uygulanabilir Ürünler Applicable Products	GFR14-95G	GFR20-95EG GFR20-95LG GFR20-95SG	-

Stok Kod(PN)	8.Y00084	8.Y00312	8.Y00096
(Model)	GFR14-95G	GFR20-95EG	GFR30-95G
A	14	20	30
B	12	17.5	25
C	10.5	9	12
D	49.5	76.5	111
E	5.5	8	11
F	14	20	29
G	2	2.5	4
H	72	103	148
I	Ø14	Ø20	Ø30
J	12	17	27
K	M5	M5	G1/8
L	2.5	2.5	3
M	M12×1	M17×1	M27×1
N	11	15	20
O	32	46	63
P	19	25	37
Q	14	20	30
R	19	27.5	40



Profile
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

Air Nipper
Hava Kesiçiler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

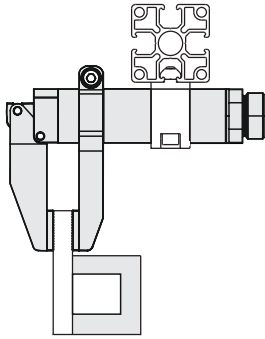
Tek Parmaklı Açılı Pnömatik Tutucular (GF Serisi)

One Finger Angular Pneumatic Grippers (Series GF)

- Tek Hareket
- Yerleşik Manyetik Halka
- Single acting.
- Built-in magnetic ring

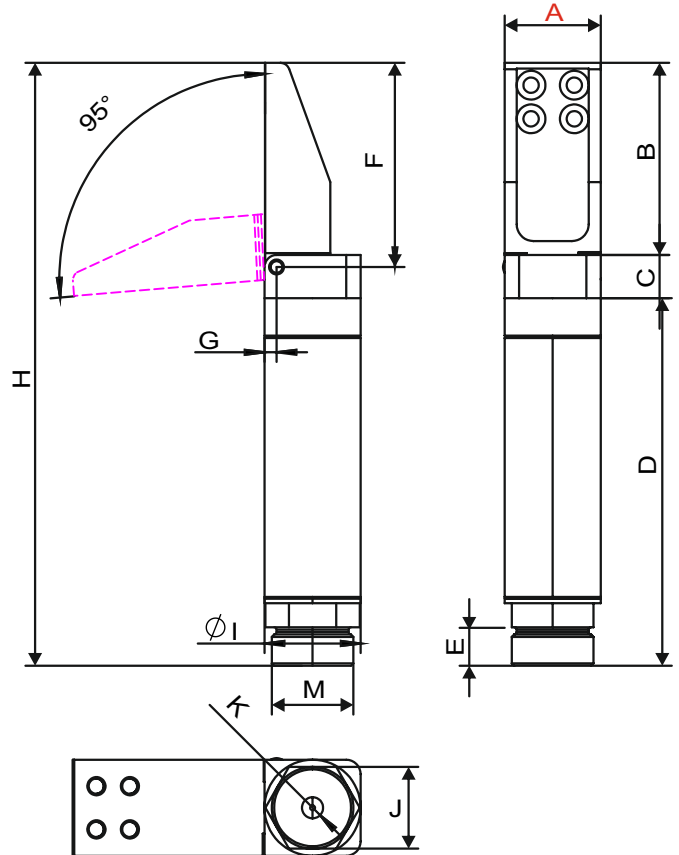


GFR...-95L



Stok Kodu(PN)	8.Y00309
(Model)	GFR20-95L
Çalışma Gereksinimi Medium	Kurutulmuş, filtrelenmiş Basıncılı Hava Filtered, lubricated / non lubricated compressed air
Tutucu Gövdesi Gripper body	Alüminyum Aluminium
Çalışma Basıncı Pressure range	2.5 ~ 8 bar
Çalışma Sıcaklığı Temperature range	-10 ~ 70 °C.
Strok Stroke	95°
Piston Çapı Piston bore	Ø16 mm
6 bar da Kapama Kuvveti Closing torque at 6 bar	70 Ncm
Harcadığı Hava Miktarı Cycle air consumption	3.52 cm ³
Ağırlık Weight	81.4g
Yerleşik Manyetik Halka Built-in magnetic ring	Var

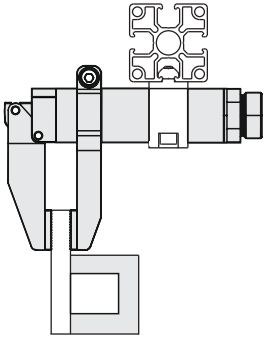
Stok Kod(PN)	8.Y00309
(Model)	GFR20-95L
A	20
B	40
C	9
D	76.5
E	8
F	42.5
G	2.5
H	125.5
I	Ø20
J	17
K	M5
M	M17×1



Tek Parmaklı Açılı Pnömatik Tutucular (GF Serisi)

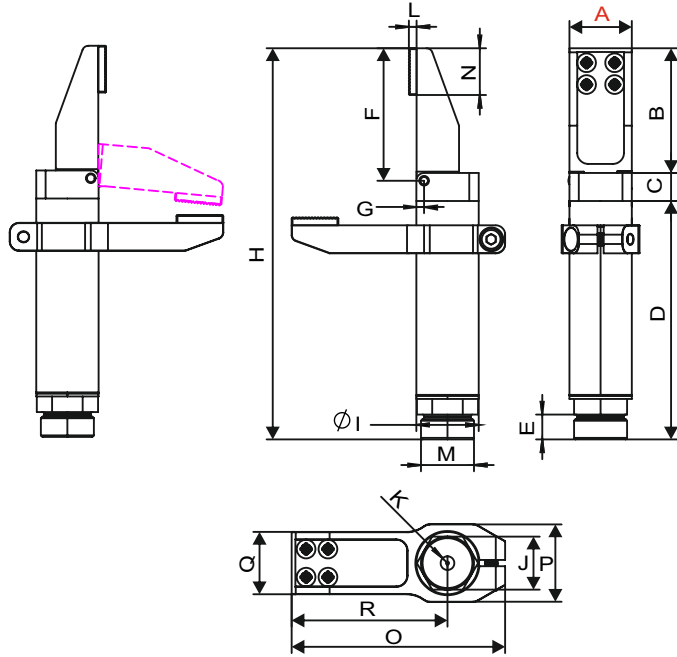
One Finger Angular Pneumatic Grippers (Series GF)

- Tek Hareket
- Yerleşik Manyetik Halka
- Single acting.
- Built-in magnetic ring



Stok Kodu(PN)	8.Y00310
Model(Model)	GFR20-95LG
Çalışma Gereksinimi Medium	Kurutulmuş, filtrelenmiş Basıncılı Hava Filtered, lubricated / non lubricated compressed air
Tutucu Gövdesi Gripper body	Alüminyum Aluminium
Çalışma Basıncı Pressure range	2.5 ~ 8 bar
Çalışma Sıcaklığı Temperature range	-10 ~ 70 °C.
Strok Stroke	95°
Piston Çapı Piston bore	Ø16 mm
6 bar da Kapama Kuvveti Closing torque at 6 bar	70 Ncm
Harcadığı Hava Miktarı Cycle air consumption	3.52cm ³
Ağırlık Weight	104.8g
Yerleşik Manyetik Halka Built-in magnetic ring	Var
Stok Kodu(PN)	4.Y00485
(Model)	SIL-20G
Uygulanabilir Ürünler Applicable Products	GFR20-95EG GFR20-95LG GFR20-95SG

Stok K.(PN)	8.Y00310
(Model)	GFR20-95LG
A	20
B	40
C	9
D	76.5
E	8
F	42.5
G	2.5
H	125.5
I	Ø20
J	17
K	M5
L	2.5
M	M17×1
N	15
O	68.5
P	25
Q	20
R	50



Profile
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

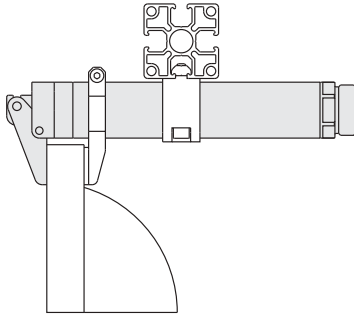
Tek Parmaklı Açılı Pnömatik Tutucular (GF Serisi)

One Finger Angular Pneumatic Grippers (Series GF)

- Tek Hareket
- Yerleşik Manyetik Halka
- Single acting.
- Built-in magnetic ring

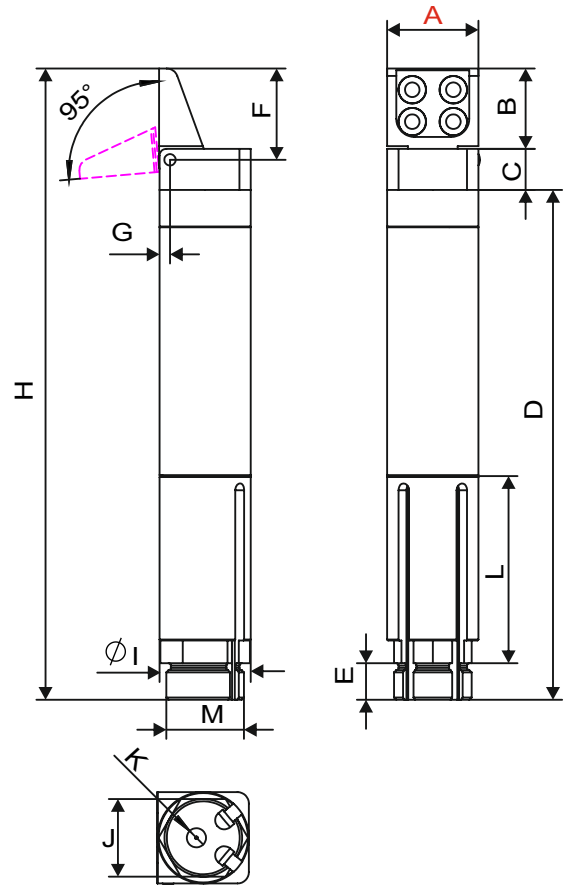


GFR....-95S



Stok Kodu(PN)	8.Y00335
Model(Model)	GFR20-95S
Çalışma Gerekisini Medium	Kurutulmuş, filtrelenmiş Basıncı Hava Filtered, lubricated / non lubricated compressed air
Tutucu Gövdesi Gripper body	Alüminyum Aluminium
Çalışma Basıncı Pressure range	2.5 ~ 8 bar
Çalışma Sıcaklığı Temperature range	-10 ~ 70 °C.
Strok Stroke	95°
Piston Çapı Piston bore	Ø16 mm
6 bar da Kapama Kuvveti Closing torque at 6 bar	70 Ncm
Harcadığı Hava Miktarı Cycle air consumption	3.52 cm ³
Ağırlık Weight	89g
Yerleşik Manyetik Halka Built-in magnetic ring	Var

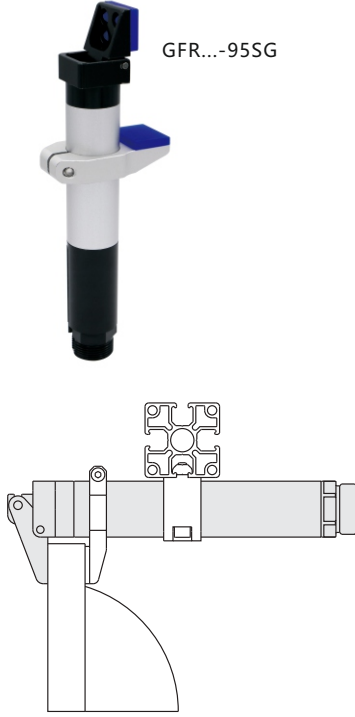
Stok Kod(PN)	8.Y00335
(Model)	GFR20-95S
A	20
B	17.5
C	9
D	111.5
E	8
F	20
G	2.3
H	138
I	Ø20
J	17
K	M5
L	41
M	M17×1



Tek Parmaklı Açılı Pnömatik Tutucular (GF Serisi)

One Finger Angular Pneumatic Grippers (Series GF)

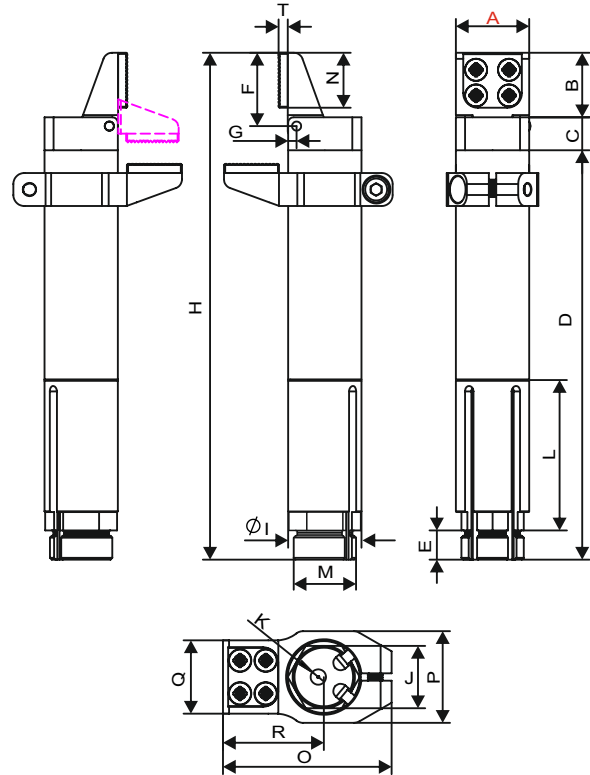
- Tek Hareket
- Yerleşik Manyetik Halka
- Single acting.
- Built-in magnetic ring



Stok Kodu(PN)	8.Y00336
Model(Model)	GFR20-95SG
Çalışma Gereksinimi Medium	Kurutulmuş, filtrelenmiş Basıncı Hava Filtered, lubricated / non lubricated compressed air
Tutucu Gövdesi Gripper body	Alüminyum Aluminium
Çalışma Basıncı Pressure range	2.5 ~ 8 bar
Çalışma Sıcaklığı Temperature range	-10 ~ 70 °C.
Strok Stroke	95°
Piston Çapı Piston bore	Ø16 mm
6 bar da Kapama Kuvveti Closing torque at 6 bar	70 Ncm
Harcadığı Hava Miktarı Cycle air consumption	3.52 cm ³
Ağırlık Weight	103g
Yerleşik Manyetik Halka Built-in magnetic ring	Var

Stok Kodu(PN)	4.Y00485
Model(Model)	SIL-20G
Uygulanabilir Ürünler Applicable Products	GFR20-95EG GFR20-95LG GFR20-95SG

Stok K.(PN)	8.Y00336
(Model)	GFR20-95SG
A	20
B	17.5
C	9
D	111.5
E	8
F	20
G	2.3
H	138
I	Ø20
J	17
K	M5
L	41
M	M17×1
N	15
O	46
P	25
Q	20
R	27.5
T	2.5



Profile
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

Air Nipper
Hava Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Tek Parmaklı Tutucu Opsiyonları Finger Gripper Options

Profile, SUS Tube

Stents Module

Quick Changer

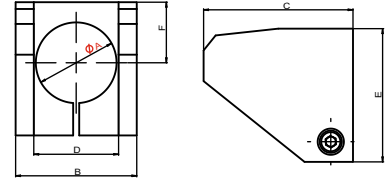
Grip Module

Air Nipper

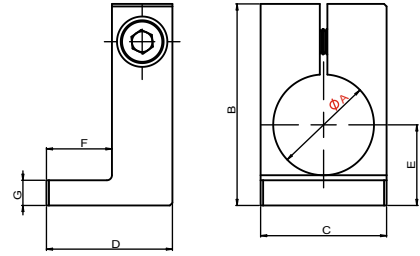
Vacuum Module

Accessory Components

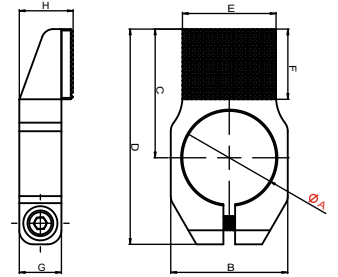
Stok Kodu(PN)	7.Y00778	7.Y00779
Model(Model)	GP1-20	GP1-30
A(mm)	Ø20	Ø30
B(mm)	30	45
C(mm)	37	65
D(mm)	21	32
E(mm)	33	44
F(mm)	15	20
Ağırlık(Weight)	20g	60g



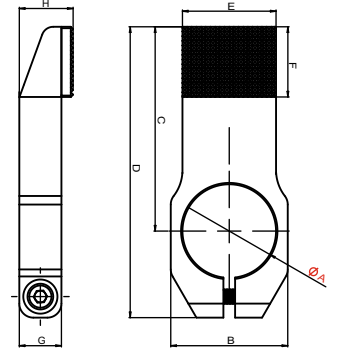
Stok Kodu(PN)	7.Y00780	7.Y00781	7.Y00782
Model(Model)	GP2-14	GP2-20	GP2-30
A(mm)	Ø14	Ø20	Ø30
B(mm)	24	35	45
C(mm)	19	25	35
D(mm)	12	25	25
E(mm)	11	16	21
F(mm)	6	13	13
G(mm)	3.5	5	5.5
Ağırlık(Weight)	5g	14g	23g



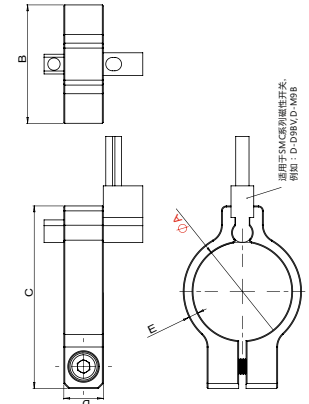
Stok Kodu(PN)	7.Y00783	7.Y00700	7.Y00908	7.Y00785
Model(Model)	GP3-14	GP3-20	GP3-20L	GP3-30
A(mm)	Ø14	Ø20	Ø20	Ø30
B(mm)	19	25	25	37
C(mm)	14	20	50	30
D(mm)	32	43.5	68.5	63
E(mm)	19	27.5	20	40
F(mm)	10	9.5	15	12
H(mm)	11	15	11.5	20
G(mm)	6	7	9	9
Ağırlık(Weight)	6g	12g	19.8g	30g
	Silicone	Silicone	Silicone	POM



GP3-20L



Stok Kodu(PN)	7.Y00786	7.Y00787	7.Y00788
Model(Model)	GS-14	GS-20	GS-30
A(mm)	Ø14	Ø20	Ø30
B(mm)	18	24	34
C(mm)	30	37	47
D(mm)	8	8	8
E(mm)	2	2	2
Ağırlık(Weight)	14g	17g	25g



Tek Parmaklı Açılı Pnömatik Tutucular (GOSerisi)

One Finger Angular Pneumatic Grippers (Series GO)

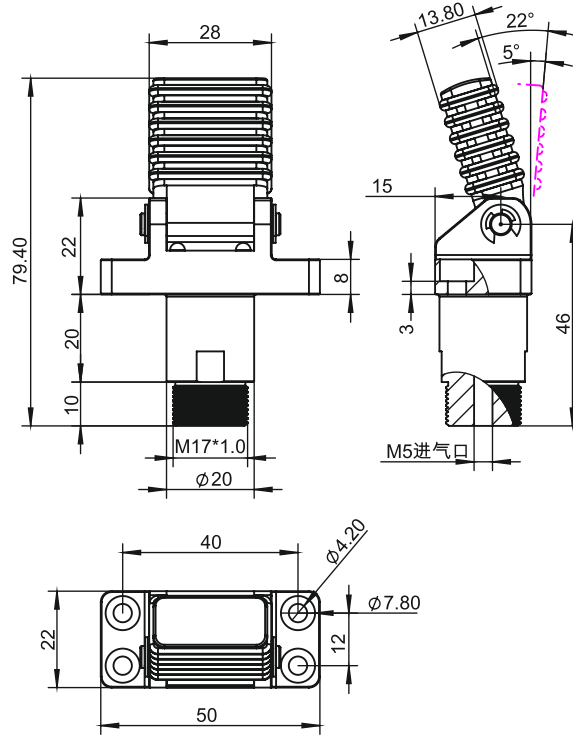
NEW



GOF20-20-VMQ



GOF20-20-NBR

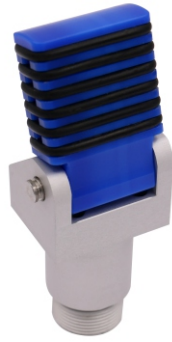


Stok Kodu(PN)	Model(Model)	Ağırlık(Weight)	Çalışma Sıcaklığı Heat resistance (in °C)
8.Y00396	GOF20-20-NBR	57.4g	-20 to 80
8.Y00395	GOF20-20-VMQ	57.4g	-40 to 160

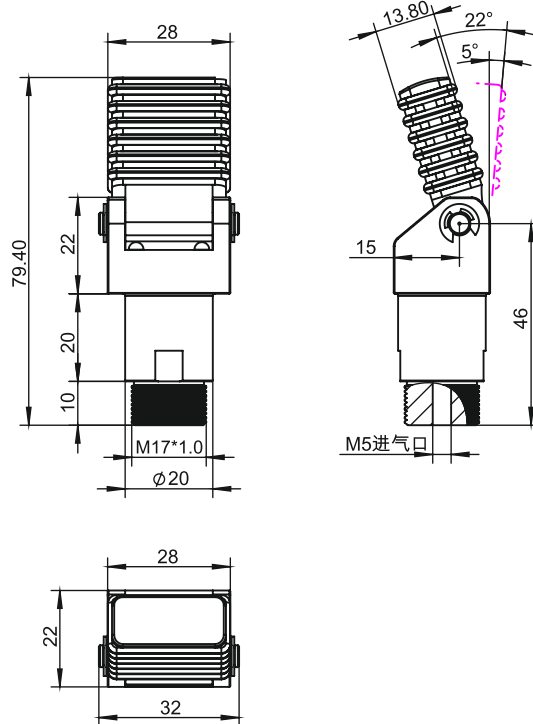
NEW



GOP20-20-VMQ



GOP20-20-NBR



Stok Kodu(PN)	Model(Model)	Ağırlık(Weight)	Çalışma Sıcaklığı Heat resistance (in °C)
8.Y00398	GOP20-20-NBR	50g	-20 to 80
8.Y00397	GOP20-20-VMQ	50g	-40 to 160

Profile
Profilier

Stents Module
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Air Nipper
Hava Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Opsiyonel Manyetik Sensörler Optional Magnetic Sensors

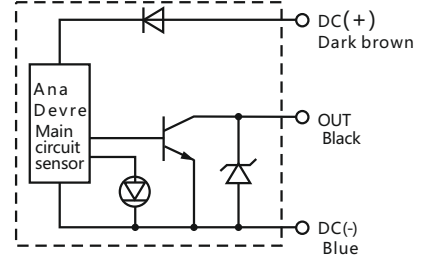
Manyetik sensör (isteğe bağlı), piston üzerindeki bir mıknatıs aracılığıyla çalışma konumunu algılar. Bu nedenle, manyetik sensörlerin kullanırken, büyük miktarlarda manyetik malzeme ve güçlü manyetik alanlardan kaçınılmalıdır. Algılama sorunlarına neden olabilir. Mevcut sensörler:

The operating position is detected by magnetic proximity sensors (optional) through a magnet placed on the piston.

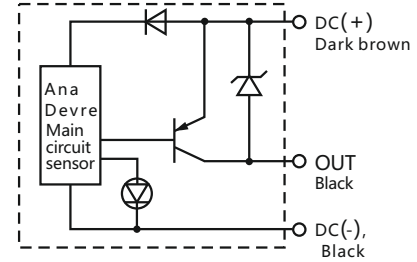
The use of magnetic proximity sensors is to be avoided in the vicinity of large masses of ferromagnetic material or intense magnetic fields as this may cause detection problems.

The sensors that can be used are:

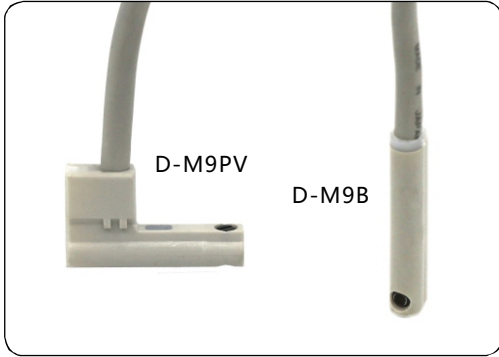
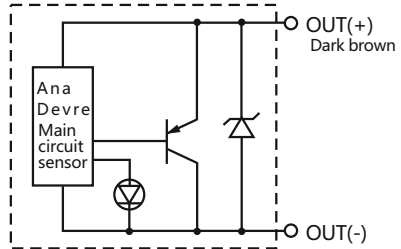
D-M9N • M9NV



D-M9P • M9PV



D-M9B • M9BV



Stok K(PN)	1.Y00293
(Model)	D-MQ

Stok Kodu(PN)	Model(Model)	Sensör Tipi	L(mm)
1.Y00310	D-M9B	NPN	Kablo Uzunluğu0.5m/0.5m cable
1.Y00307	D-M9BL		Kablo Uzunluğu3.0m/3m cable
1.Y02565	D-M9BV	NPN	Kablo Uzunluğu0.5m/0.5m cable
1.Y03843	D-M9BVL		Kablo Uzunluğu3.0m/3m cable
1.Y00311	D-M9N	NPN	Kablo Uzunluğu0.5m/0.5m cable
1.Y00295	D-M9NL		Kablo Uzunluğu3.0m/3m cable
1.Y00298	D-M9NV	NPN	Kablo Uzunluğu0.5m/0.5m cable
1.Y03598	D-M9NVL		Kablo Uzunluğu3.0m/3m cable
1.Y00309	D-M9P	PNP	Kablo Uzunluğu0.5m/0.5m cable
1.Y02301	D-M9PL		Kablo Uzunluğu3.0m/3m cable
1.Y00296	D-M9PV	PNP	Kablo Uzunluğu0.5m/0.5m cable
1.Y02964	D-M9PVL		Kablo Uzunluğu3.0m/3m cable

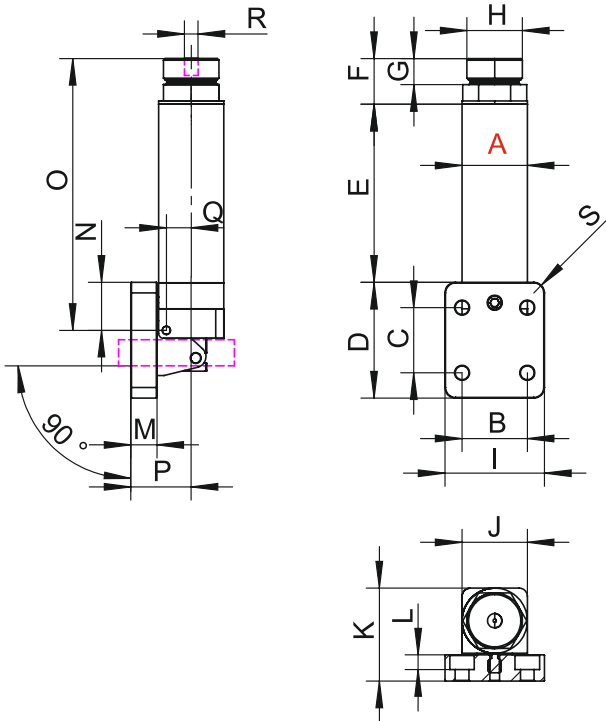
Küçük Pnömatik Çevirm Ünitesi Min Posture Gripper

- 90° Dönebilir.
- Tek Hareket.
- Yayla geri dönüş.
- Birçok montaj aksesuarı.
- Opsiyonel Manyetik Sensör.

- 90° rotation.
- Single-acting.
- Lifting by compressed air, spring reset.
- Several mounting accessories.
- Optional magnetic sensors.



Stok Kodu(PN)	8.Y00094	8.Y00116
Model(Model)	GFN20-90	GFN30-90
Çalışma Gereksinimi Medium	Filtered, lubricated / non lubricated compressed air	
Çalışma Basıncı Pressure range	2 ~ 8 bar	2 ~ 8 bar
Çalışma Sıcaklığı Temperature range	-10 ~ 70 °C.	-10 ~ 70 °C.
Dönme Açısı Tilt angle	90°	90°
6 bar da Kapama Kuvveti Closing torque at 6 bar	120 Ncm	300 Ncm
Ağırlık Weight	65g	210g



Stok K.(PN)	8.Y00094	8.Y00116
Model(Model)	GFN20-90	GN30-90
A	Ø20	Ø30
B	20	25
C	20	25
D	35.5	46
E	54.6	81.5
F	14	19
G	8	11
H	17	M27*1
I	30.5	37
J	20	30
K	28.5	40
L	4.5	5.5
M	8	10
N	14.74	18.5
O	83.34	119
P	18.5	25
Q	7.6	11
R	M5	M5
S	3.25	3

Havalı Kesiciler Yolluklar İçin Air Nippers For Resin Gate

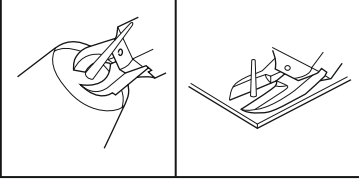
Hassas yolluk kesme ekipmanlarına ve yedek fişstürlere takılabilen profesyonel pnömatik makaslar.VESSEL, çeşitli ihtiyaçları karşılamak için çok sayıda seçenek sağlayabilir. These are high-class air nippers that can be mounted on gate cutting equipment and standby jigs for accurate, speedy cutting of resin products. VESSEL has a wide selection of items to meet a variety of needs, from around-the-clock operations to high cutting precision.



Solution

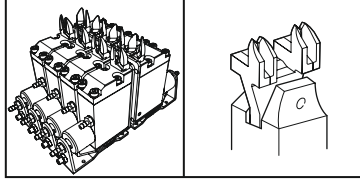
Kesme, Kapma, Sıkma ve Delme
Cut, grab, crimp and punch.

Cutting direct gate
molded
components



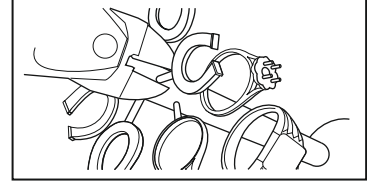
Cuts large diameter sprues such
as garment cases, helmets, pipe
joint parts, trash cans, planters.
Superb durability in long term use.

Gate cut for multiple
impression molded
components



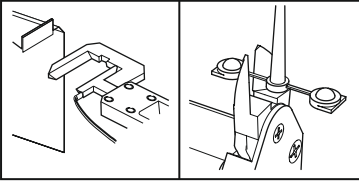
Compact, lightweight body and
with a large selection of blade
items, easy mounting on chuck
board and standby jig. Achieves
efficient cuts matching cycle
time.

Taking products from
a jewelry tree



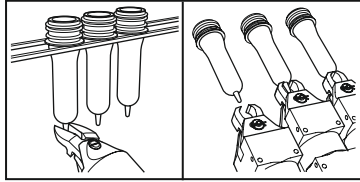
Cutting of precious metals for
rings, necklaces etc. Superb
durability and increased
efficiency with powerful nipper
blades.

Gate cutting for lenses,
LGP, and transparent
products



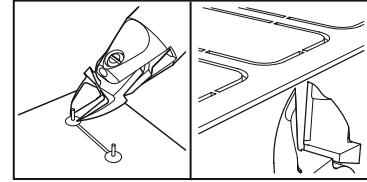
Various heated nippers prevent
cracks and whitening, the decisive
factor is the heating temperature of
the blades and cutting speed.
Supports demands for improved
flexibility and high precision cutting.

Pre-form cutting
for food and drug
cases



Improved efficiency in pre-forming,
nippers attached to flat finish
pre-form molding machine. Cut
precision is linked to product
quality.

Cutting electronic
components and
around boards



最适于手动剪切焊接后的电路引线，
大幅降低手腕疲劳。电路板安装于台
式机器人上进行剪切。

Optimal handy nippers for cutting
lead lines after soldering to
significantly reduce wrist strain.
Substrate is attached to the
desktop robot...

Profile
Profiler

Stents Module
Bağımlı Modüller

Quick Changer
Hızlı Değiştiriciler

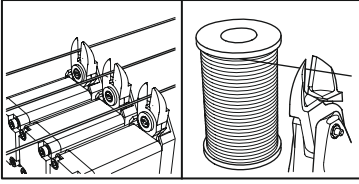
Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

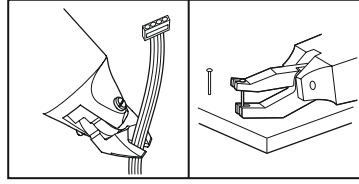
Accessory Components
Aksesuar Komponentleri

Wire cutting with coil winding machine



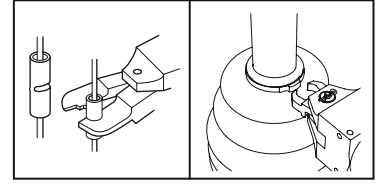
Attach to the nipper unit of automatic coil winding machine for power transformers, fan motors and ignition. Cutting thick diameter wires that cannot be torn off.

Hand tools for dismantling in recycling plants



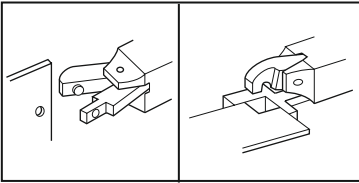
Cuts a variety of wires, copper tubing and steel bands in recycling plants such as PCs and OA equipment, pachinko machines, TVs, and refrigerators, washing machines, etc. Nippers for the purpose of pulling out the pachinko machine pins.

Crimping task for solderless terminals



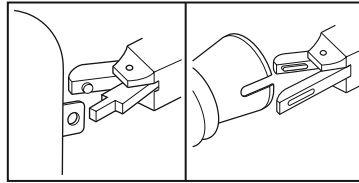
For crimping terminals with various wiring harnesses such as for switchboards, electrical products and lighting equipment. Less strain on fingers and wrists. Increased work efficiency for stop rings for auto parts.

Die cutter for aluminum products and plastic components



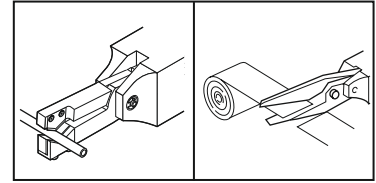
By support for separate blades, allows punching and form cutting of aluminum sash and thin plates.

Punching of blow molded products, punching slotted holes



Punching blow molded products, punching slotted holes, for containers that cannot be punched and automobile ducts, etc.

Other applications

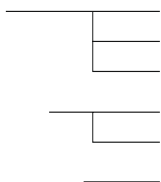


微刃气剪，可以切割各种难切割的纤维，碳纤维，芳纶纤维和软塑料板。用于切割牛仔裤，回收高尔夫球，纺织机械边缘切割的刀头等。

Micro-edge air scissors that can cut various hard-to-cut fibers, carbon, aramid fibers, and soft plastic sheets. Nippers for cutting belt loops of jeans, peeling recycled golf balls, cutting edges with textile machinery, etc.

Selection method for air nipper

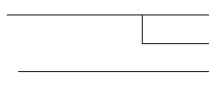
Check materials



What is the "cutting target (workpiece)"?

- Metal wire ——— Steel wire
Copper wire
Piano wire (not heat processed/HV320 or below), precious metals etc.
- Molded plastic ——— Soft plastic (PP PE PS PVC PMMA AS etc.)
Hard plastic (PPS PA PBT LCP ABS POM PC GF etc.)
- Other applications ——— Check materials, applications and work.
(Bending, caulking, punching, robotic hand, and scissors.)

Check dimensions



How big is the "size of the cut portion"?

- Metal ——— Angle (mm× mm) [select model by cross-section area]
Round (Φ mm)
- Plastic ——— Angle (mm× mm) [select model by cross-section area]
- Other applications ——— Check materials, applications and work.

Usage

What is the "state/environment of the work"?

- Used mounted on automated machinery and robots.
- Used for manual work.
- Used mounted on a jig. And so forth

Select model

Choose a model suitable for the purpose.

请按照[使用方式和剪切尺寸]选取气动剪刀本体，按照[剪切材质，尺寸，形状等]选取刀头。

刀本体和刀头的特点，用途等，请参考各自的[产品规格]，

另外本体选取时请参考[性能选择指南]

根据剪切产品形状，材质的不同，标准品可能无法对应。

Choose based on "usage and cut dimensions" for the main unit, and "material and dimensions/shape" for the blades.

Refer to "product specifications" for the main unit/blade characteristics/usage, respectively. Also when selecting the machine, refer to "capability selection chart".

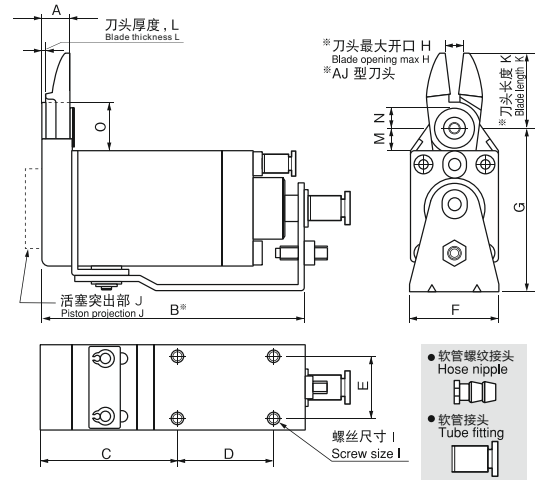
The shape/material of the workpiece may not be compatible with standard products.

Capability selection chart

Types	Cutting material							Application model	空气压力 Airpressure (MPa)
	Copper wire	Steel wire (Non-heat treated)	PianoWire (HV 320 or below)	Soft Plastic		Hard Plastic	Solderless terminals		
N • NS • NR	1.0mm	0.5mm	0.2mm	2.0mm	3.1 mm			NS2,N3,NS3,NR3	0.4~0.5
	1.0	0.5	0.3	2.0	3.1			N5,NS5,NR5	0.4~0.5
	1.6	1.0	0.5	3.0	7.0	2.0mm		N7,NS7,NR7	0.4~0.5
	1.8	1.2	0.5	4.0	12.5	2.6		N10,NS10L,NR10L	0.4~0.5
	2.3	1.7	0.6	4.5	15.8	4.0		N12	0.4~0.5
	2.6	2.0	1.0	7.0	38.4	5.0		N20,NS20,NR2 0	0.5~0.6
	3.3	2.8	1.2	10.0	78.5	6.5	1.25/2. 0	N30,NS30,NR3 0	0.5~0.6
	5.5	4.5	2.0	12.0	113.0	6.5		N50,NR50	0.5~0.6
With pressure booster	2.6	1.6		5.0	19.6	4.0	12.5/2. 0	P-10L	
	3.0	2.2		8.0	50.2	6.0	2.0/5.5	P-20	
	4.8	4.0		13.0	132.6	7.0	~0.8	P-30	
	6.5	5.5						P-50	
NY				2.0	3.1	1.3		NY03	0.4~0.5
	1.6	1.0		3.0	7.0	2.0		NF05,NY0 5	0.4~0.5
				3.5	9.6	2.3		NF10,NY1 0	0.4~0.5
				4.0	12.5	2.6		NF15,NY1 5	0.4~0.5
				5.0	19.6	3.4		NY25	0.5~0.6
NT				1.5	1.7	1.0		NT03	0.4~0.5
				2.5	4.9	1.5		NT05	0.4~0.5
				3.5	9.6	2.3		NT10	0.4~0.5
				5.0	19.6	3.4		NT20	0.4~0.5
	AS, HS, BJ type		BBB	AP, PF, AJ type			ACD type		

GT-NY05/10/15/25 Slide-Off Air Nippers Horizontal-Type

NY



The horizontal slide enables space to be used effectively. The low profile of the main unit allows work to be removed without obstructing the operations of the chuck plate.

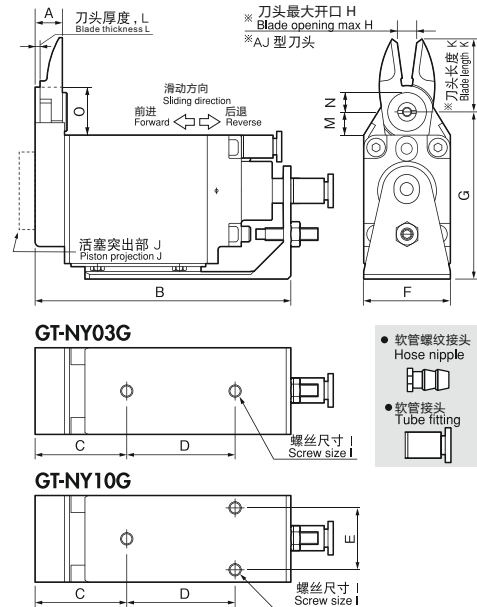
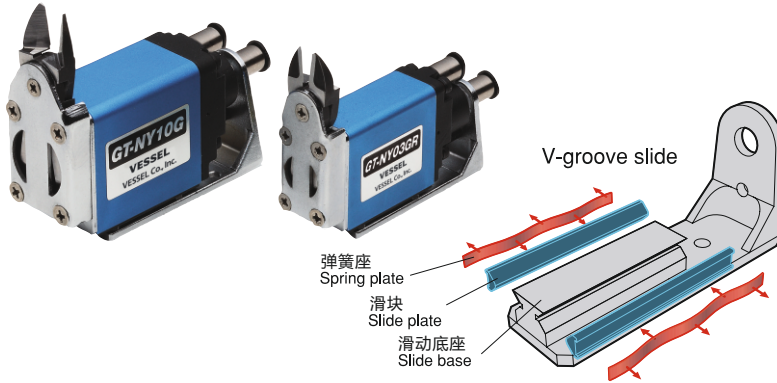
Capacity ϕ (mm)				Model No.	Size (mm)															Air Consumption (cm ³ /str.)	Weight (g)	Slide Direction/ Distance (mm)	Spec. & Size of theHose Port
Soft Plastic	Hard Plastic	Copper	Steel		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O				
3.0	2.0	1.6	1.0	GT-NY05	8.6	75.9	40.9	25	15	23	47.6	4	M4	3	22	1.6	8.5	6.25	16.5	48	155	Pull 0~3	W/hose nipple
3.0	2.0	1.6	1.0	GT-NY05R																48	155	Push 0~3	Hose I.D. ϕ 2.5mm
3.0	2.0	1.6	1.0	GT-NY05-4																48	155	Pull 0~3	W/tube fitting
3.0	2.0	1.6	1.0	GT-NY05R-4																48	155	Push 0~3	Hose I.D. ϕ 2.5XO.D. ϕ 4mm
3.5	2.3			GT-NY10	8.8	82.1	42.1	30	20	28	51.6	6	M4	5	24	1.6	7.5	6.25	15.5	68	210	Pull 0~3	W/hose nipple
3.5	2.3			GT-NY10R																68	210	Push 0~3	Hose I.D. ϕ 2.5mm
3.5	2.3			GT-NY10-4																68	210	Pull 0~3	W/tube fitting
3.5	2.3			GT-NY10R-4																68	210	Push 0~3	Hose I.D. ϕ 2.5XO.D. ϕ 4mm
4.0	2.6			GT-NY15	10.2	93	48	35	25	33	58	8	M4	5	27	2	7.5	6.25	16.5	136	319	Pull 0~3	W/hose nipple
4.0	2.6			GT-NY15R																136	319	Push 0~3	Hose I.D. ϕ 2.5mm
4.0	2.6			GT-NY15-4																136	319	Pull 0~3	W/tube fitting
4.0	2.6			GT-NY15R-4																136	319	Push 0~3	Hose I.D. ϕ 2.5XO.D. ϕ 4mm
5.0	3.4			GT-NY25	12.5	108.5	54.5	40	30	42	69	9	M5	2	31	2.5	10.5	7	20.5	184	580	Pull 0~5	W/hose nipple
5.0	3.4			GT-NY25R																184	580	Push 0~5	Hose I.D. ϕ 4mm
5.0	3.4			GT-NY25-6																184	580	Pull 0~5	W/tube fitting
5.0	3.4			GT-NY25R-6																184	580	Push 0~5	Hose I.D. ϕ 4XO.D. ϕ 6mm

※Blade length (K) and opening max. (H) is the dimension adjusted for standard blade (AJ type). ※Air Pressure...0.4~0.5 MPa (NY25 type: 0.5~0.6)
※B refers to the distance from the cut position for PUSH style models, and the distance from the start position for PULL style models.

GT-NY03G/10G Slide-Off Air Nippers Horizontal-Type

Patented

NY-G



VESSEL's patented, V-groove slide base ensures constant, stable positioning. The unit is not subject to inclined loads, and has achieved high precision gate cutting performance.

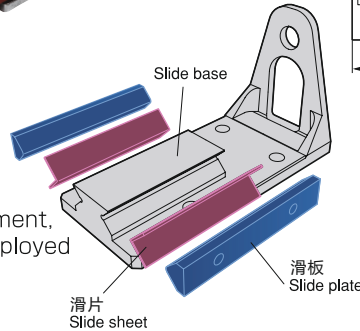
Capacity ϕ (mm)		Model No.	Size (mm)																Air Consumption (cm ³ /str.)	Weight (g)	Slide Direction/ Distance (mm)	Spec. & Size of the Hose Port
Soft Plastic	Hard Plastic		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O					
2.0	1.3	GT-NY03G GT-NY03GR GT-NY03G-4 GT-NY03GR-4	8.6	74.5	29.5	30	-	19	46.5	3	M4	0	21	1.6	7.5	5.25	14.5	37	160	Pull 0~3	W/hose nipple Hose I.D. ϕ 2.5mm	
2.0	1.3																	37	160	Push 0~3		
2.0	1.3																		37	160	Pull 0~3	W/tube fitting Hose I.D. ϕ 2.5×O.D. ϕ 4mm
2.0	1.3																		37	160	Push 0~3	
3.5	2.3	GT-NY10G GT-NY10GR GT-NY10G-4 GT-NY10GR-4	8.8	82.6	29.6	35	20	28	54	6	M4	5	24	1.6	7.5	6.25	15.5	68	275	Pull 0~3	W/hose nipple Hose I.D. ϕ 2.5mm	
3.5	2.3																		68	275		Push 0~3
3.5	2.3																		68	275	Pull 0~3	W/tube fitting Hose I.D. ϕ 2.5×O.D. ϕ 4mm
3.5	2.3																		68	275	Push 0~3	

※Blade length (K) and opening max. (H) is the dimension adjusted for standard blade (AJ type). ※Air Pressure...0.4~0.5 MPa

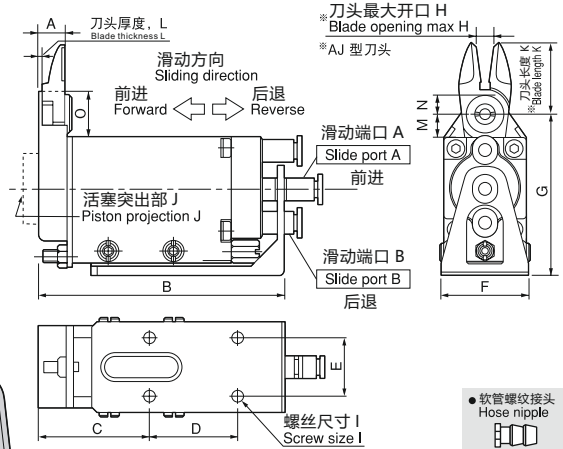
Blade is optional. Note that forward and backward-facing blades are available

GT-NY10S/25S Double Action Sliding Air Nippers

NY-S



The springless slide construction of the main unit ensures smooth movement, and a V-groove slide base has been employed for high precision positioning.



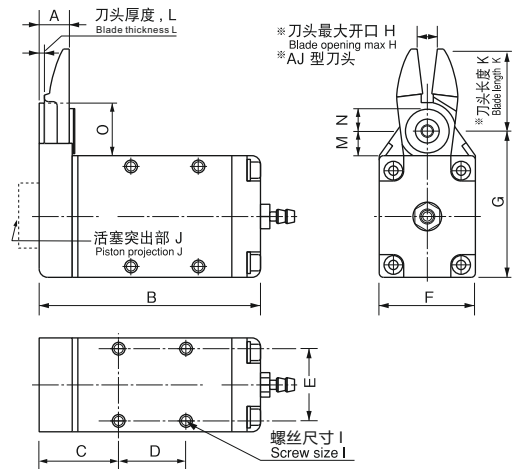
WARNING
Injecting air into slide port A slides the nippers in reverse.
Injecting air into slide port B slides the nippers forward.

Capacity ϕ (mm) Soft Plastic Hard Plastic	Model No.	Size (mm)															Air Consumption (cm ³ /str.)	Weight (g)	Slide Direction/ Distance (mm)	Spec. & Size of the Hose Port
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O				
3.5 2.3	GT-NY10S	8.8	84.5	38	30	20	32	55	6	M4	5	24	1.6	7.5	6.25	15.5	68	300	0~3.5	W/tube fitting Hose I.D. ϕ 2.5×O.D. ϕ 4mm
5.0 3.4	GT-NY25S	12.5	106.5	47	40	30	47	72	9	M5	2	31	2.5	10.5	7	20.5	184	695	0~5.0	W/tube fitting Hose I.D. ϕ 4×O.D. ϕ 6mm

※Blade length (K) and opening max. (H) is the dimension adjusted for standard blade (AJ type). ※Air Pressure...NY10S : 0.4~0.5 MPa / NY25S : 0.5~0.6 MPa

GT-NF05/10/15 Type-F Air Nippers

NF



These compact, lightweight nippers have been designed or easy mounting inside equipment and to enable secure mounting under high-density mounting conditions.

Capacity ϕ (mm) Soft Plastic Hard Plastic Copper Steel	Model No.	Size (mm)															Air Consumption (cm ³ /str.)	Weight (g)	Spec. & Size of the Hose Port
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O			
3.0 2.0 1.6 1.0	GT-NF05	8.6	59.9	21.9	17	18	23	39.5	4	M3	3	22	1.6	8.4	6.25	16.4	43	101	W/hose nipple
3.5 2.3 1.7 1.1	GT-NF10	8.8	65.1	23.1	20	22	28	43.5	6	M3.5	5	24	1.6	7.4	6.25	15.4	63	143	Hose I.D. ϕ 2.5mm× ϕ 4mm
4.0 2.6 1.8 1.2	GT-NF15	10.2	73	25	25	26	33	48.5	8	M4	5	27	2	7.4	6.25	16.4	128	219	

※Blade opening max. (K) is the dimension adjusted for standard blade (AJ type). Mounting screw for NF10 (M3.5) is regarded as spare part. ※Air Pressure...0.4~0.5 MPa

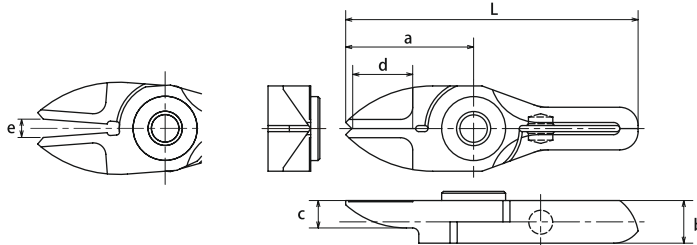
Slide-off air nipper horizontal-type blades

AJ/RAJ AJB

Straight blades for plastic

Plastic

AJ/ This is a vertical set of blades with an unbeveled cutting edge. You can apply it at a right angle to the gate. RAJ/ This is a reverse bevel of AJ type. AJB/ This has a brazed carbide tip, suitable for cutting hard plastic or plastic containing glass fiber.



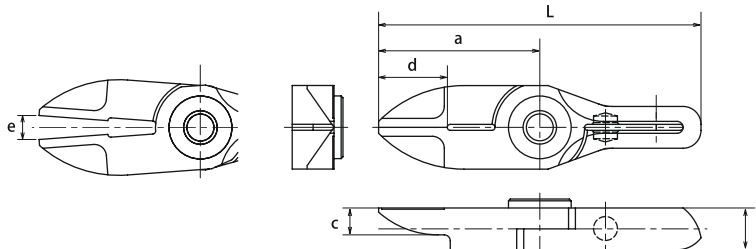
Model No.	Size (mm)						Weight (g)	Material	Application model
NY03AJ	21	7	4.5	10.5	3	48	17	Special alloy steel	GT-NY03G(-4)
NY03RAJ	21	7	4.5	10.5	3	48	17	Special alloy steel	GT-NY03GR(-4)
NY05AJ	22	7	5	10.5	4	53	22	Special alloy steel	GT-NY05(-4) / NF05
NY05RAJ	22	7	5	10.5	4	53	22	Special alloy steel	GT-NY05R(-4) / NF05
NY05AJB	22	7	5	10.5	4	53	22	Sintered Alloy	GT-NY05(-4) / NF05
NY10AJ	24	7.2	5	12	6	57	28	Special alloy steel	GT-NY10(-4) / NY10G(-4) / NF10 / NY10S
NY10RAJ	24	7.2	5	12	6	57	28	Special alloy steel	GT-NY10R(-4) / NY 10GR(-4) / NF10 / NY10S
NY10AJB	24	7.2	5	12	6	57	28	Sintered Alloy	GT-NY10(-4) / NY 10GR(-4) / NF10 / NY10S
NY15AJ	27	8.2	5.5	13	8	65	41	Special alloy steel	GT-NY15(-4) / NF15
NY15RAJ	27	8.2	5.5	13	8	65	41	Special alloy steel	GT-NY15R(-4) / NF15
NY15AJB	27	8.2	5.5	13	8	65	41	Sintered Alloy	GT-NY15(-4) / NF15
NY25AJ	31	10	6	16	9	77	65	Special alloy steel	GT-NY25(-6) / NY 25S
NY25RAJ	31	10	6	16	9	77	65	Special alloy steel	GT-NY25R(-6) / NY 25S
NY25AJB	31	10	6	16	9	77	65	Sintered Alloy	GT-NY25(-6) / NY 25S

AJL

Straight long blades for plastic

Plastic

AJL/ This is a long type set of straight blades. This is useful when there is distance between the nippers and the gate cut portion of the workpiece.



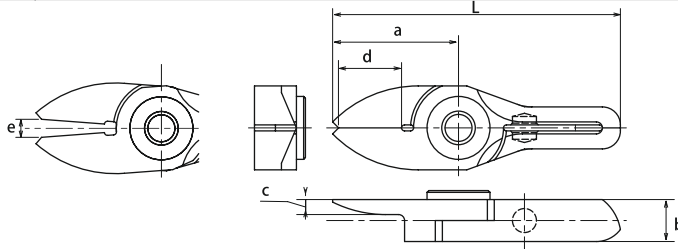
Model No.	Size (mm)						Weight (g)	Material	Application model
NY03AJL	27	7	4.5	10.5	4	54	21	Special alloy steel	GT-NY03G(-4)
NY05AJL	31	7	5	10.5	5.5	62	29	Special alloy steel	GT-NY05(-4) / NF05
NY10AJL	33	7.2	5	12	8	66	37	Special alloy steel	GT-NY10(-4) / NY10G(-4) / NF10 / NY10S
NY15AJL	38	8.2	5.5	13	11	76	50	Special alloy steel	GT-NY15(-4) / NF15
NY25AJL	46	10	6	16	13	92	88	Special alloy steel	GT-NY25(-6) / NY 25S

AJT

树脂用薄刃直刀 Thin, straight blades for plastic

Plastic

AJT/ This is a set of straight blades with a thin cutting edge. It can cleanly trim cross sections without remnants.



Model No.	Size (mm)						Weight (g)	Material	Application model
NY03AJT	21	7	2.5	10.5	3	48	17	Special alloy steel	GT-NY03G(-4)
NY05AJT	22	7	3	10.5	4	53	21	Special alloy steel	GT-NY05(-4) / NF05
NY10AJT	24	7.2	3	12	6	57	26	Special alloy steel	GT-NY10(-4) / NY10G(-4) / NF10 / NY10S
NY15AJT	27	8.2	3.5	13	8	65	38	Special alloy steel	GT-NY15(-4) / NF15

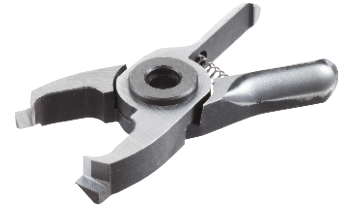
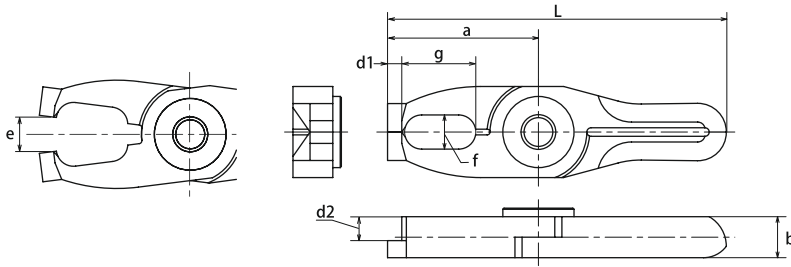
Slide-off air nipper horizontal-type blades

AD

Lift blades for plastic

Plastic

AD/ This is used for batch processing of the three-dimensional gate such as ride gate.



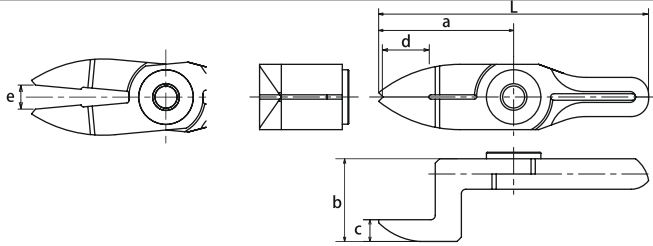
Model No.	Size (mm)		f×g	d1 (mm)	d2 (mm)	e (mm)	L (mm)	Weight (g)	Material	Application model
NY10AD	26.5	7.2	6×13	2.5	4.2	6	59.5	31	Special alloy steel	GT-NY10(-4) / NY10G(-4) / NF10 / NY10S
NY15AD	30	8.2	7×14	3	4.7	8	68	45	Special alloy steel	GT-NY15(-4) / NF15
NY25AD	35	10	8×17	4	6	9	81	75	Special alloy steel	GT-NY25(-6) / NY 25S

**AH/
RAH**

Crank blades for plastic

Plastic

AH/ This is a set of blades with a clamped cutting edge for plastic. It is effective when there are obstructions or the gate is narrow. RAH/ This is a reverse bevel of AH type used when installing the main units face-to-face.



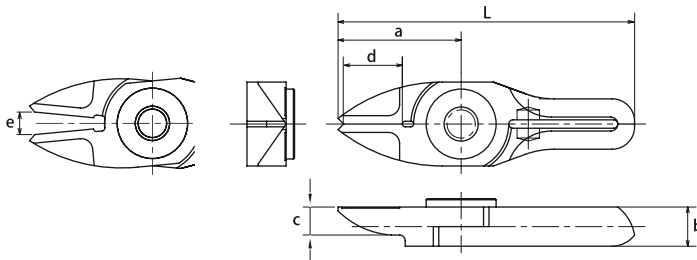
Model No.	Size (mm)			d	e	L	Weight (g)	Material	Application model
NY05AH	31	19	5	10.5	5.5	62	37	Special alloy steel	GT-NY05(-4) / NF05
NY05RAH	30	12	5	10.5	5	61	31	Special alloy steel	GT-NY05R(-4) / NF05
NY10AH	33	20	5	12	8	66	43	Special alloy steel	GT-NY10(-4) / NY10G(-4) / NF10 / NY10S
NY15AH	38	21.5	5.5	13	11	76	63	Special alloy steel	GT-NY15(-4) / NF15
NY15RAH	35	13.2	5.5	13	9	73	52	Special alloy steel	GT-NY15R(-4) / NF15
NY25AH	46	24	6	17	13	92	110	Special alloy steel	GT-NY25(-6) / NY 25S
NY25RAH	42	16	6	16	12	88	89	Special alloy steel	GT-NY25R(-6) / NY 25S

**BJ/
RBJ**

Straight thin blades for metal

Metal

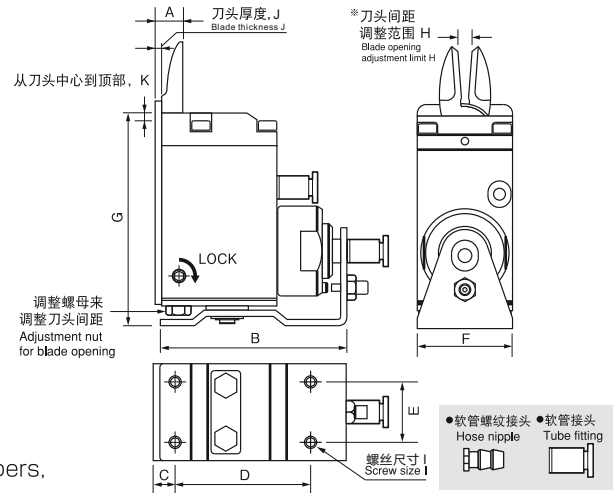
BJ/ This is a set of vertical blades with an unbeveled cutting edge for metal. RBJ/ This is a reverse bevel of BJ type.



Model No.	Size (mm)			d	e	L	Weight (g)	Material	Application model
NY05BJ	22	7	5	10.5	4	53	22	Special alloy steel	GT-NY05(-4) / NF05
NY05RBJ	22	7	5	10.5	4	53	22	Special alloy steel	GT-NY05R(-4) / NF05

GT-NT03/05/10/20 Slide-Off Air Nippers Vertical-type

NT



Blade gape is adjustable,
and fine adjustments are easy to make after mounting the nippers,
ensuring clean, unblemished cut surfaces.

Capacity ϕ (mm) Soft Plastic Hard Plastic	Model No.	Size (mm)											Air Consumption (cm ³ /str)	Weight (g)	Slide Direction/ Distance (mm)	Spec. & Size of the Hose Port	
		A	B	C	D	E	F	G	H	I	J	K					
1.5 1.0	GT-NT03	9	62	7	43	14	19	68.1	1.5~3	M3	2	5	27	178	Pull 0~3	W/hose nipple	Hose I.D. ϕ 2.5mm
1.5 1.0	GT-NT03R												27	178	Push 0~3		
1.5 1.0	GT-NT03-4												27	178	Pull 0~3	W/tube fitting	Hose I.D. ϕ 2.5XO.D. ϕ 4mm
1.5 1.0	GT-NT03R-4												27	178	Push 0~3		
2.5 1.5	GT-NT05	9	64	7	45	20	32	71.1	3~6	M4	2	5	47	325	Pull 0~3	W/hose nipple	Hose I.D. ϕ 2.5mm
2.5 1.5	GT-NT05R												47	325	Push 0~3		
2.5 1.5	GT-NT05-4												47	325	Pull 0~3	W/tube fitting	Hose I.D. ϕ 2.5XO.D. ϕ 4mm
2.5 1.5	GT-NT05R-4												47	325	Push 0~3		
3.5 2.3	GT-NT10	11	73	8	53	24	38	88.1	4~7	M4	2	5	82	515	Pull 0~3	W/hose nipple	Hose I.D. ϕ 2.5mm
3.5 2.3	GT-NT10R												82	515	Push 0~3		
3.5 2.3	GT-NT10-6												82	515	Pull 0~3	W/tube fitting	Hose I.D. ϕ 4XO.D. ϕ 6mm
3.5 2.3	GT-NT10R-6												82	515	Push 0~3		
5.0 3.4	GT-NT20	14	103	10	80	28	44	102.1	4.5~9	M5	2	6	203	930	Pull 0~8	W/hose nipple	Hose I.D. ϕ 4mm
5.0 3.4	GT-NT20R												203	930	Push 0~8		
5.0 3.4	GT-NT20-6												203	930	Pull 0~8	W/tube fitting	Hose I.D. ϕ 4XO.D. ϕ 6mm
5.0 3.4	GT-NT20R-6												203	930	Push 0~8		

※Blade opening adjustment limit (H) is the dimension adjusted for standard blade (AJ type). ※Air Pressure...0.4~0.5 MPa

Slide-off air nipper vertical-type blades

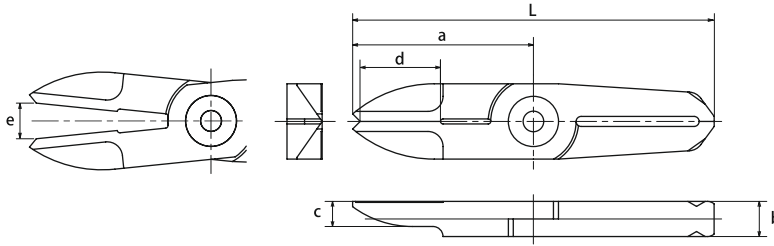
AJ/AJH AJB	Straight blades for plastic						Plastic		
	AJ / 刀刃水平，无倾斜角，可垂直剪切。AJH/AJ的加硬刀头（硬质合金）提高耐用性。AJB/AJ的加硬刀头（超硬碳钢），用于剪切硬塑料或含有玻璃纤维的塑料，提高耐用性。 AJ/ This is a set of vertical blades with an unbeveled cutting edge. You can apply it at a right angle to the gate. AJH/ This has a brazed high-speed steel tip suitable for cutting hard plastic. AJB/ This has a brazed carbide tip used for cutting hard plastic or plastic containing glass fiber. Improved durability.								
NT 型 NT type NE 型 NE type									
Model No.	Size (mm)						Weight (g)	Material	Application model
	a	b	c	d	e	L			
NT03AJ	24	7	4	11	3	59	20	Special alloy steel	GT-NT03 type
NT05AJ	29	7	5	15	6	65	30	Special alloy steel	
NT05AJH	29	7	5	15	6	65	30	High Speed Steel	GT-NT05 type
NT05AJB	29	7	5	15	6	65	30	Sintered Alloy	
NE5AJ	24	7	3.5	12	6	60	35	Special alloy steel	GT-NT10 type
NT10AJ	35	9	6	17	7	82	62	Special alloy steel	
NT10AJH	35	9	6	17	7	82	76	High Speed Steel	
NT10AJB	35	9	6	17	7	82	76	Sintered Alloy	
NE10AJ	27	9	4.5	12	7	74	70	Special alloy steel	GT-NT20 type
NT20AJ	40	12	6	20	9	97	120	Special alloy steel	
NT20AJH	40	12	6	20	9	97	120	High Speed Steel	
NT20AJB	40	12	6	20	9	97	120	Sintered Alloy	

Slide-off air nipper vertical-type blades

Straight long blades for plastic

AJL

AJL/ This is a long type set of straight blades. This is useful when there is distance between the nippers and the gate cut portion of the workpiece.

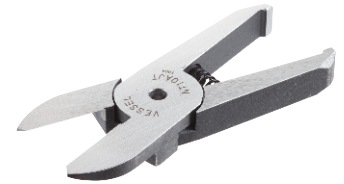
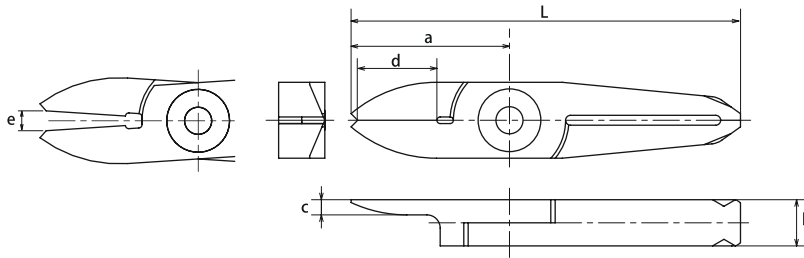


Model No.	Size (mm)						Weight (g)	Material	Application model
	a	b	c	d	e	L			
NT05AJL	36	7	5	15	7	72	39	Special alloy steel	GT-NT05 type
NT10AJL	47	9	6	17	9	94	62	Special alloy steel	GT-NT10 type
NT20AJL	57	12	6	20	12	114	156	Special alloy steel	GT-NT20 type

Thin, straight blades for plastic

AJT

AJT/ This is a set of straight blades with a thin cutting edge. It can cleanly finish cross sections without remnants.



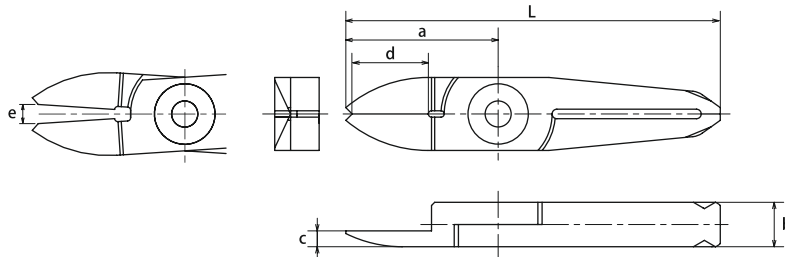
Model No.	Size (mm)						Weight (g)	Material	Application model
	a	b	c	d	e	L			
NT03AJT	24	7	2.3	11	3	59	19	Special alloy steel	GT-NT03 type
NT05AJT	29	7	3	15	6	65	29	Special alloy steel	GT-NT05 type
NT10AJT	35	9	4	17	7	82	65	Special alloy steel	GT-NT10 type

Thin, straight blades for plastic

AJY

AJY/ 当相对的浇口之间的宽度太短并且刀头因为它的厚度不能进入时，这是有效的。

AJY/ This is effective when the width between the opposing gates is too short and the thickness of the blades will not go in.



Model No.	Size (mm)						Weight (g)	Material	Application model
	a	b	c	d	e	L			
NT03AJY	24	7	2.5	11	3	59	19	Special alloy steel	GT-NT03 type
NT05AJY	29	7	5	15	6	65	29	Special alloy steel	GT-NT05 type
NT10AJY	35	9	4	17	7	72	82	Special alloy steel	GT-NT10 type

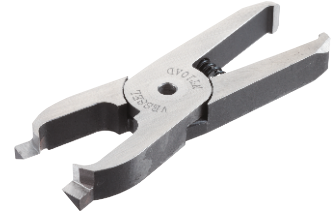
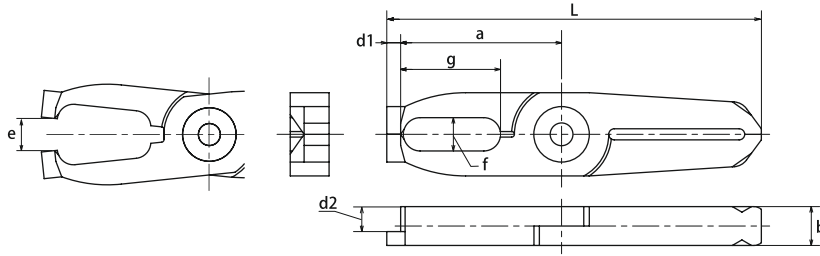
Slide-off air nipper vertical-type blades

AD

Lift blades for plastic

Plastic

AD/ This is used for batch processing of the three-dimensional gate such as ride gate.



Model No.	a	Size (mm) b	f×g	d1 (mm)	d2 (mm)	e (mm)	L (mm)	Weight (g)	Material	Application model
NT05AD	31.5	7	6×18	2.5	4.5	6	67.5	37	Special alloy steel	GT-NT05 type
NT10AD	39	9	8×21.5	4	5	7	86	65	Special alloy steel	GT-NT10 type
NT20AD	46	12	9×24.5	6	7	9	103	141	Special alloy steel	GT-NT20 type

Profile
Profiler

Stents Module
Bağlantı Modülleri

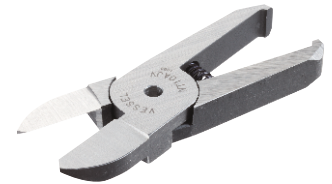
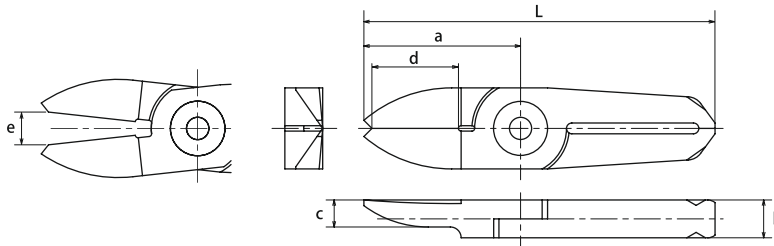
Quick Changer
Hızlı Değiştiriciler

AJV

V shaped straight blades for plastic

Plastic

AJV/ This is suitable for gate processing when the cross section is curved or the cut end must not be left.



Model No.	a	b	Size (mm) c	d	e	L	Weight (g)	Material	Application model
NT05AJV	29	7	5	15	6	65	29	Special alloy steel	GT-NT05 type
NT10AJV	35	9	6	17	7	82	63	Special alloy steel	GT-NT10 type

Grip Module
Tutucu Modüller

Air Nipper
Hava Kesiçiler

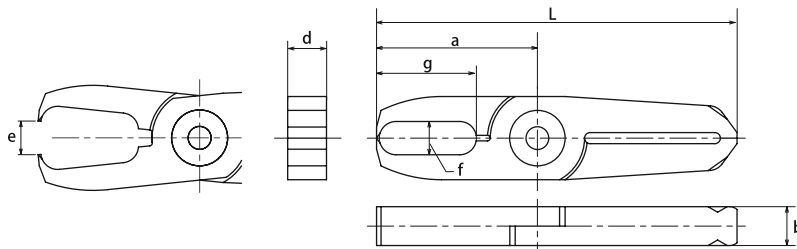
Vacuum Module
Vakum Modülleri

AE

Nipping blades for plastic

Plastic

AE/处理直接浇口和搭接浇口时有效。
AE/ Used for processing plastic gates such as ride gates and discard gates.



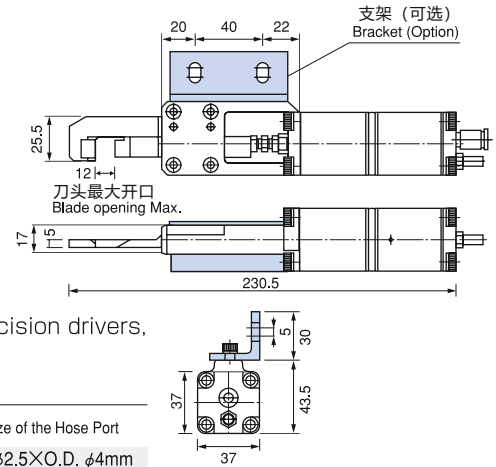
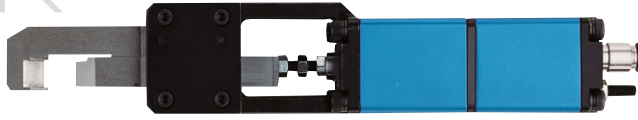
Model No.	a	b	Size (mm) f×g	d	e	L	Weight (g)	Material	Application model
NT05AE	29	7	6×18	7	6	65	36	Special alloy steel	GT-NT05 type
NT10AE	35	9	8×21.5	9	7	82	75	Special alloy steel	GT-NT10 type

Accessory Components
Aksesuar Komponentleri

Thrust-Cut Air Nipper

GT-NK10 Thrust-Cut Air Nipper

NK

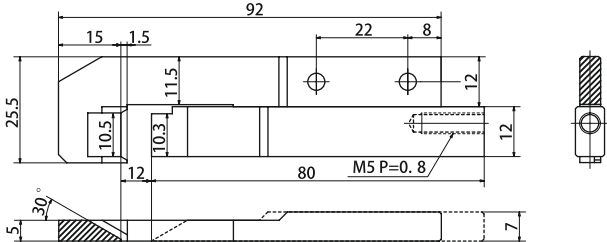
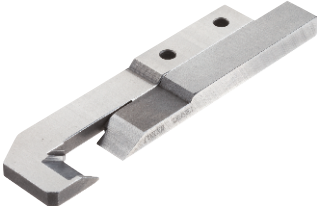


These nippers are equipped with a foot switch and are linked to high precision drivers, enabling the cutting of film-shaped gates from the thin end, preventing wrinkles around the cut.

Capacity ϕ (mm) ABS Plastic	Model No.	Air Consumption (cm ³ /str.)	Air Pressure (MPa)	Weight (g)	Applied Pressure (N)	Spec. & Size of the Hose Port
5	GT-NK10	110	0.4~0.5	800	735	Hose I.D. ϕ 2.5×O.D. ϕ 4mm

•Hose Coupling: I.D. ϕ 4 × O.D. ϕ 6 mm •Piston stroke...Max.12 mm

Thrust-Cut Air Nipper blades

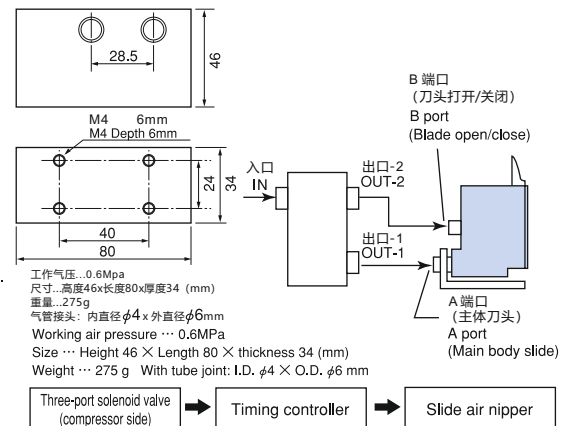
Thrust-Cut Air Nipper blades			Plastic			
NK10AJ			This is a dedicated set of blades for GT-NK10. Suitable for processing of film gates attached to robot hands			
 						
Model No.	Size (mm)	Shape	O.A.L. (mm)	Weight (g)	Material	Application model
NK10AJ	As above	For metal cutting (Knife type)	95	96	Special alloy steel	GT-NK10

Related items

GT-TC-02 Timing Controller

TC

调节螺丝钉
(0.5秒到1.5秒)
Adjusting Screw
(0.5~1.5 sec.)



Connected between the compressor and the air nippers, the timing controller enables adjustments to the slide and cutting timing. (Approximately 0.5 seconds to 1.5 seconds)

Connectable nippers (Reference)

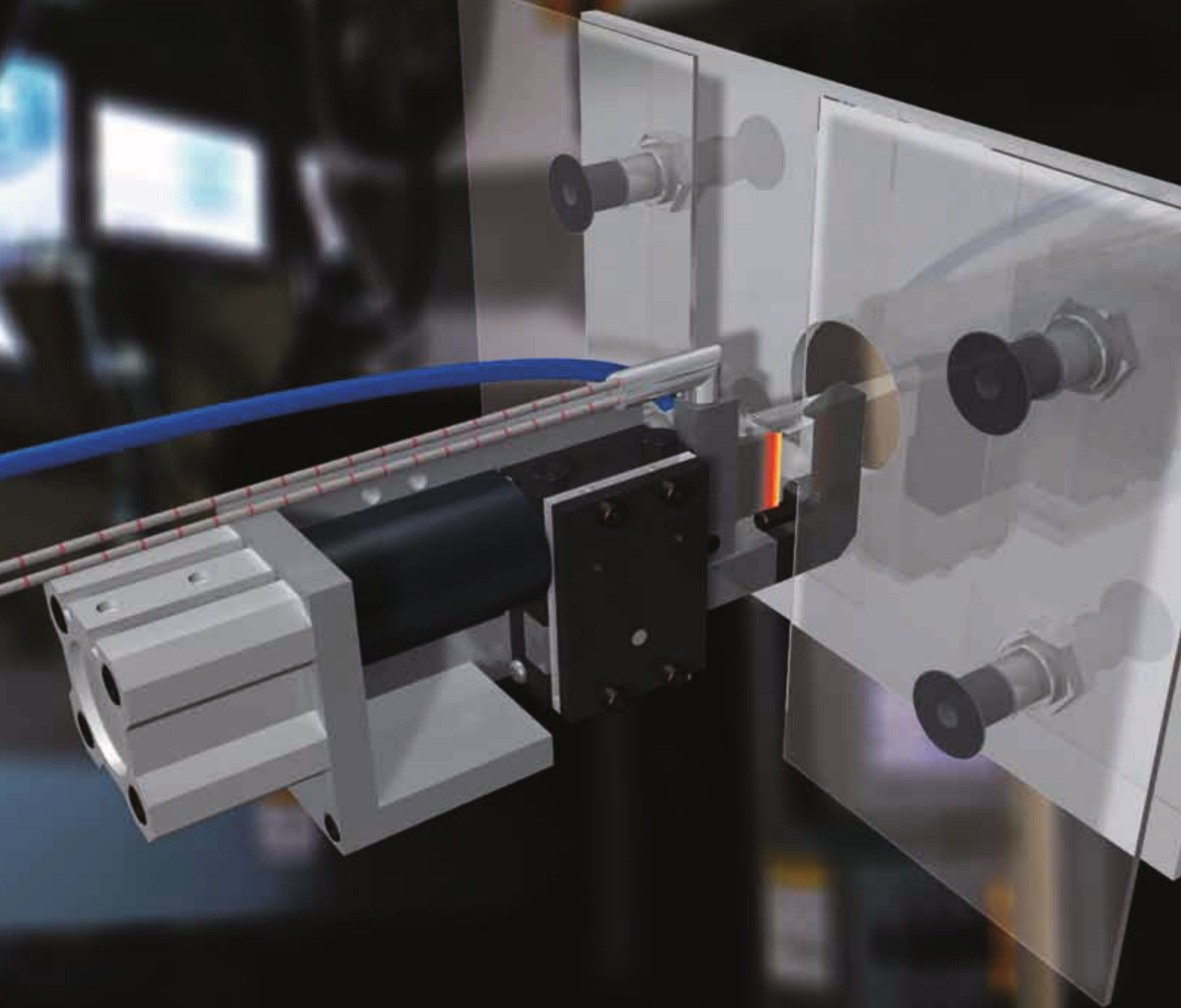
No. GT-	NY05	NY10	NY15	NY25	NT03	NT05	NT10	NT20	NB20	NB30	NB20LW	NB30LW
Connectable unit	4	3	1	1	6	4	2	1	2	1	2	1
	(pcs)											

Heat Air Nippers

气动加热推刀，切割透明产品时，可以有效的抑制裂纹，使切割面更加美观。

These air nippers are connected to a heater to suppress cracks and whitening of clear materials such as acrylic.

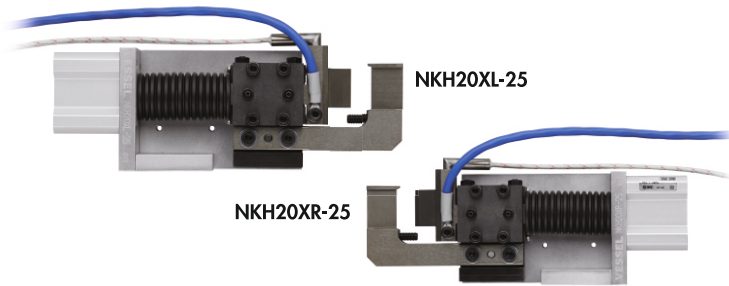
The gate is slowly melted as it's cut, resulting in a clean, unblemished cut surface.



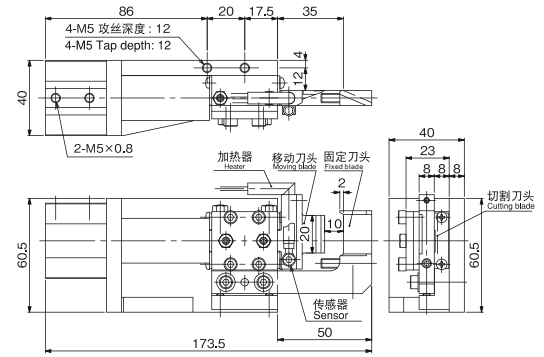
GT-NKH20XL-25/NKH20XR-25 Heat Air Nippers (Air Hydro Type)

NKH

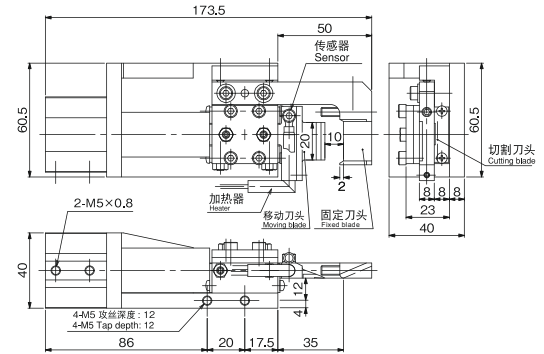
Highly durable PTFE Plating blades; melted resin does not adhere to them.
Improved durability of blades with High-Speed chip brazed.
Easier blade replacement than conventional models; take out the blade unit and exchange with the new one.



NKH20XL-25



NKH20XR-25



- Requires separately sold Hydro Controller.
- Custom-made blade lengths and cylinder capacities available.

Model No.	Cutting Capacity φ (mm) Acrl	Blade Edge Temp. (MAX °C)	Air Consumption (cm³/str.)	Piston Stroke (mm)	Weight (g)
GT-NKH20XL-25/NKH20XR-25	10x1.5	180	60	10	690

• Air Pressure: 0.6MPa • Working air hose inner diameter: 4mm
※ The above weight is only a product, excluding the weight of heater and sensor.
※ 200V AC/220V AC/240V AC heaters are also available to order.
※ Included heater: HTL-28.5-6.25-300L 80W1H (80W/100V) Cord length 300mm Recommended temp. 140°C Weight: 13g
• Included temperature sensor: SNO-300L-H Thermal couple type K
Recommended temp. 140°C Cord length 300mm Weight: 7g

Blades Specifications

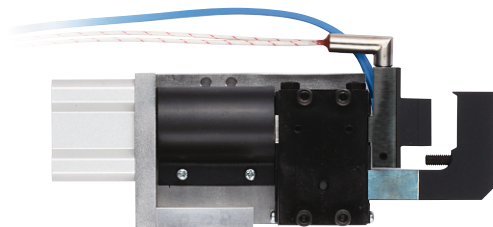
Material	Blade Shape	Blade Opening (mm)	Cutting blade effective (mm)	Weight (g)
Special Alloy Steel	Knife type (resin)	10	20	125

- Option Parts
- Hydro-converter (Recommended: KOGANEI AHC 32×50)
 - Working fluid: Petroleum hydraulic fluid or turbine oil with antifoaming agent additive (VG22~100)
 - Temperature controller (DTC-001)

GT-NKH20A/20AR Heat Air Nippers (Air Hydro Type)

NKH

Air-hydro cylinders produce high power from air and oil.
These units are ideal for high precision cuts required for products such as optical resin lenses.



需要另外购买液压控制器。
可定制刀头长度和气缸大小。

- Requires separately sold Hydro Controller.
- Custom-made blade lengths and cylinder capacities available.

Model No.	Cutting Capacity φ (mm) Acrl	Blade Edge Temp. (MAX °C)	Air Consumption (cm³/str.)	Piston Stroke (mm)	Weight (g)
GT-NKH20A-25/20AR-25	10x1.5	180	60	10	720

• Included heater • Included temperature sensor
• Air Pressure: 0.6MPa • Working air hose inner diameter: 4mm
※ 200V/240V heaters are also available to order.

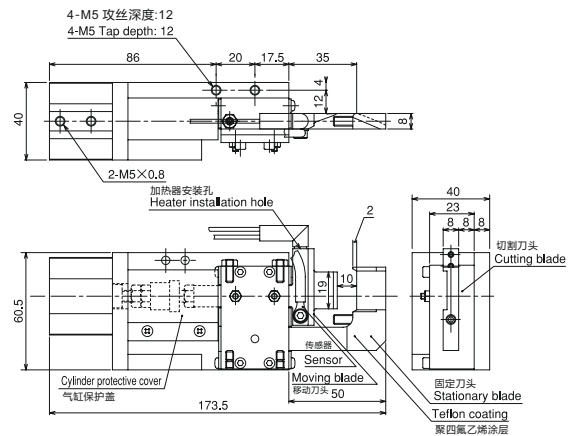
Blades Specifications

Material	Blade Shape	Blade Opening (mm)	Cutting blade effective (mm)	Weight (g)
Special Alloy Steel	Knife type (resin)	10	19	125

- Option Parts
- Hydro-converter (Recommended: KOGANEI AHC 32×50)
 - Working fluid: Petroleum hydraulic fluid or turbine oil with antifoaming agent additive (VG22~100)
 - Temperature controller (DTC-001)

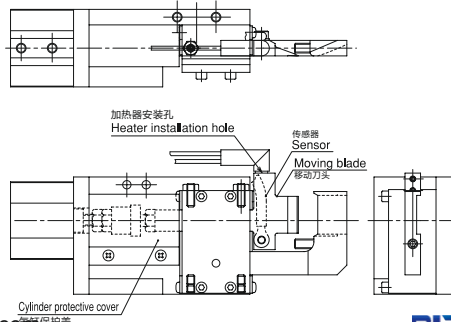
GT-NKH20A-25 (正刃)

GT-NKH20A-25 (Forward-facing blades)



GT-NKH20AR-25 (反刃)

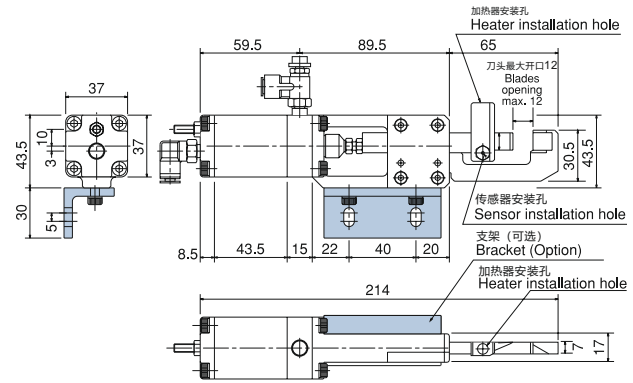
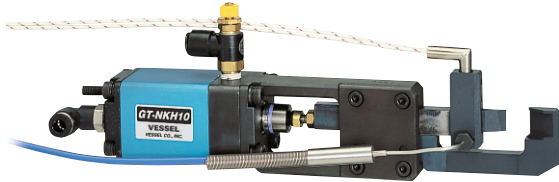
GT-NKH20AR-25 (Backward-facing blades)



GT-NKH10 Heat Air Nippers

NKH

Speed control of cut speed and heater temperature allows for variable cutting surface solutions for extremely high precision cutting demands.



Model No.	Cutting Capacity φ (mm) Acril	Blade Edge Temp. (MAX °C)	Cutting Cycle (sec/cut)	Air Consumption (cm³/str.)	Piston Stroke (mm)	Weight (g)
GT-NKH10	7x1.5	200	4~5	73	12	715

- Included heater: 80W/120V Cord length: 300mm
- Included temperature sensor: Thermal couple type K (Nickel-Chromium/Nickel-Aluminum) Cord length: 1,000mm
- Air Pressure: 0.5~0.6MPa

Option Parts

- Temperature controller (DTC-001)

Blades Specifications

Model No.	Material	Blade Shape	Blade Opening (mm)	Cutting blade effective (mm)	Weight (g)
NKH10AJ/NKH10RAJ	Special Alloy Steel	Knife type (resin)	12	10	137

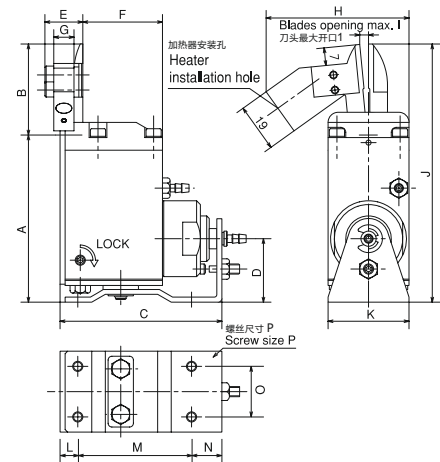
Heat Air Nippers

GT-NTH05/10 Heat Air Nippers (Vertical sliding type)

NTH

单边刀刃固定+本体滑动，保证刀刃与浇口精确对齐。

One blade is fixed in position, facilitating easy gate alignment. In addition, a slide function presses the product into position.



Model No.	Cutting Capacity	Blade Edge	Cutting	Air	Slide	Weight	Dimensions (mm)															
	φ (mm) Acril	Temp. (MAX °C)	Cycle (sec/cut)	Consumption (cm³/str.)	Distance (mm)		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
GT-NTH05	2.5	200	4~5	47	0~3	325	66.1	36	64	25.1	15	31.5	8	56.5	3.5	102.1	32	7	45	12	20	M4
GT-NTH10	3.5	200	4~5	82	0~3	515	83	47	73	29	16.2	37.5	8	63	4.5	130	38	8	53	12	24	M4

- Included heater: 80W/120V Cord length: 300mm
- Included temperature sensor : Thermal couple type K (Nickel-Chromium/Nickel-Aluminum) Cord length: 1,000mm
- Air Pressure: 0.4~0.5MPa

Blades Specifications

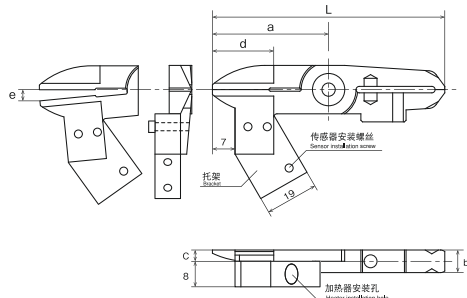
Model No.	Material	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
NTH05AJ	Special Alloy Steel	36	7	3.5	15	3.5
NTH10AJ	Special Alloy Steel	47	9	4.7	17	4.5

Model No.	L (mm)	Weight (g)	Cutting Capacity φ (mm) Acril	Setting temp. (MAX °C)	Application model
NTH05AJ	72	40	2.5	200	GT-NT05(-4)/GT-NT05R(-4)
NTH10AJ	94	88	3.5	300	GT-NT10(-6)/GT-NT10R(-6)

HTH type blade weight does not include heater and sensor.

Option Parts

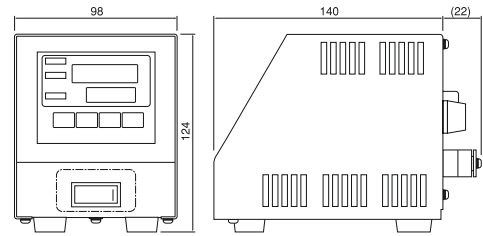
- Temperature controller (DTC-001)



Temperature Controller

DTC-001 Benchtop Temperature Controller

DTC



The heating element can be connected directly to the main unit, a useful feature that saves labor during wiring installation. Compact construction enables the unit to be easily carried, allowing for changing the work site at any time.

Please inform us of the product number of the heat nipper when placing an order.

Model No.	Temperature range Thermocouple K (°C)	Power supply (V)	Power consumption (with 100 VAC input)	Ambient temperature and humidity (°C)	Protection fuse	Weight (g)
DTC-001	0~200	AC100~240	Approx. 3W (Approx. 5VA) (With no load)	0~40 RH35~85% (No condensing)	One 1.5A fuse is incorporated.	900

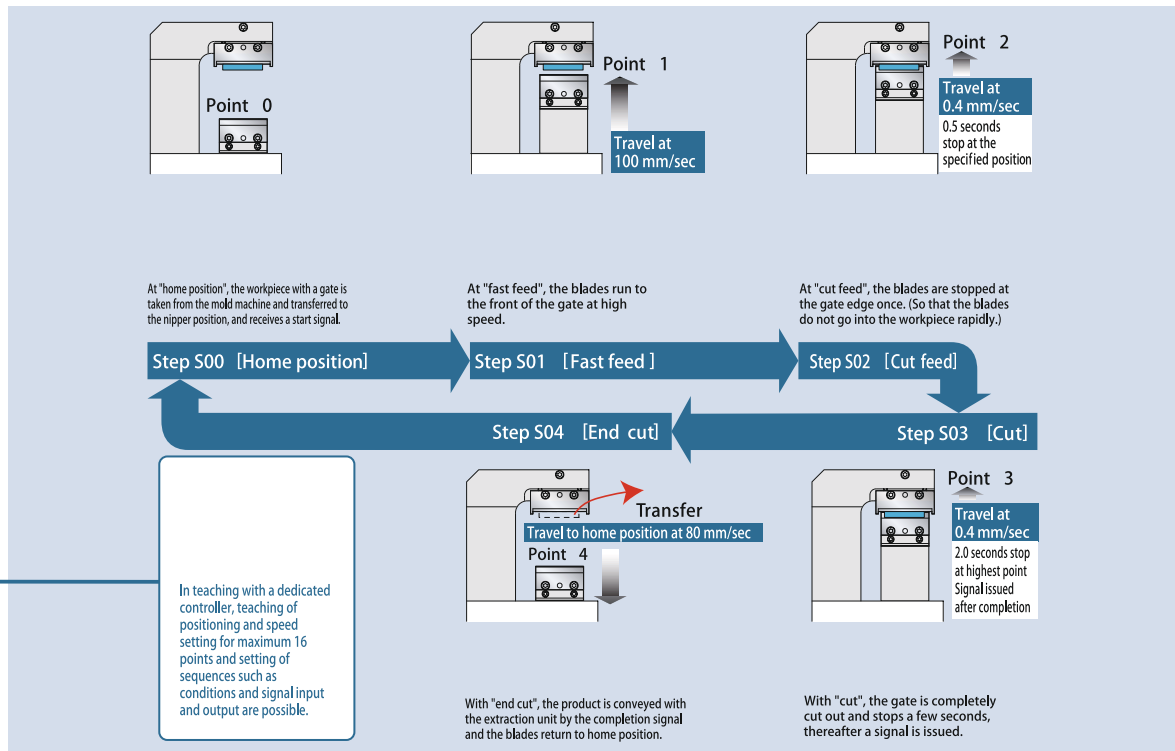
※Please ensure the input voltage in prior to operation as it is directly connected to the heater.

Option Parts : Power supply cable : Model No. DTC-001-□-□

- ☐ : Cable for connection to the terminal block is necessary to be included.
☐ : (N/ A) Cable not necessary.
- ☐ : 2m power cable w/ Japanese type plug (A-type)
☐ : 2m power cable w/ European type plug (C-type)
☐ : (N/ A) Cable not necessary.

Special Controller (optionally available)

Practical example of gate-cut



Practical example of input data

	Teaching content	Home position	Fast feed	Cut feed	Cut	End cut
Point data	Point No.	0	1	2	3	4
	Positioning (*)	Home position	Leaving 7 mm	Leaving 0.5 mm	Maximum	value
	Speed setting	-	100 mm/sec	0.4 mm/sec	0.4 mm/sec	80 mm/sec
	Pushing force setting	-	-	-	-	-
	Acceleration setting	-	-	-	-	-
Sequencer data	Step No.	S00	S01	S02	S03	S04
	Waiting for positioning to complete	-	-	-	-	-
	Waiting for external input conditions	-	-	-	-	-
	Delay timer	-	-	0.5sec	2.0sec	-
	外部输出 Specified external output	-	-	-	ON	-

(*) Input of positioning is actually done with a numerical value.

www.robotaparati.com info@robotaparati.com

DIRETECH

Air Nippers For Cutting and Crimping

高剪切力场合

剪切直径23mm至75mm尺寸范围内圆柱产品

此型号在切割和压接场合广泛使用

A tough body for hard jobs.

With a frame diameter range of 23mm to 75mm, this product line was developed by piston size.

These models are ideal for a broad spectrum of cutting and crimping work.



Air Nippers

GT-NS3/5/7/10L/20/30 Square Air Nippers

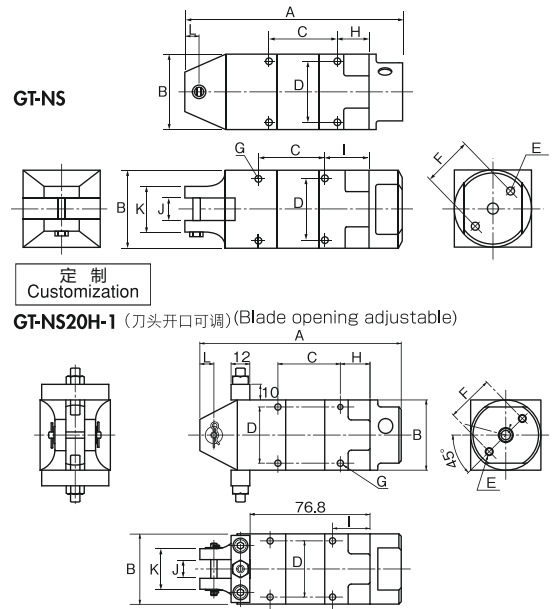
NS

自动化焊接及线材卷线机的线切割。

VESSEL provides a generous selection of blades for all wire cutting needs, including resin product gate cuts and automatic welding equipment.



-
-
- The main body end is 180° rotatable.
- Two suction (intake) ports are provided, and so the suction position can be optionally changed depending on the mounting place.



Capacity ϕ (mm)				Model No.	Size (mm)												Air Consumption (cm ³ /str.)	Air Pressure (MPa)	Weight (g)	Hose coupling
Soft Plastic	Hard Plastic	Copper	Steel		A	B	C	D	E	F	G	H	I	J	K	L				
2.0		1.0	0.5	GT-NS3	110	23	40	19	M3 Depth8	17	M3 Depth3.5	19	24	7	23	7	45	0.4~0.5	95	Rc1/8
2.0		1.0	0.5	GT-NS5	94	30	30	24	M4 Depth10	20	M3 Depth5	14	19	7	23	7	64	0.4~0.5	135	
3.0	2.0	1.6	1.0	GT-NS7	113	36	30	28	M4 Depth10	24	M4 Depth5.5	18	23	9	23	7	116	0.4~0.5	215	
4.0	2.6	1.8	1.2	GT-NS10L	113	36	30	28	M4 Depth10	24	M4 Depth5.5	18	23	12	26	7	116	0.4~0.6	215	
7.0	5.0	2.6	2.0	GT-NS20	129	45	40	36	M5 Depth12	30	M4 Depth7	19	24	12	26	9	230	0.5~0.6	370	
10.0	6.5	3.3	2.8	GT-NS30	170	56	60	46	M6 Depth12	40	M5 Depth10	20	30	17	36	15	584	0.5~0.6	685	
7.0	5.0	2.6	2.0	GT-NS20H-1	129	45	40	36	M5 Depth12	30	M4 Depth7	19	24	12	26	9	230	0.5~0.6	455	

• Air hose inner dia. : 5mm • Overall length/Weight: Accessories not included.

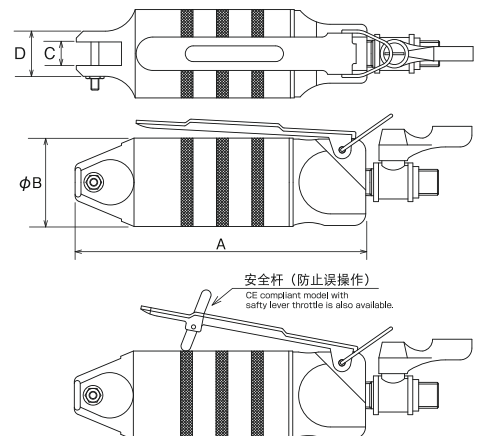
※ Before mounting of exclusive/automatic machines, check the following product dimensions. (Frame O.D., screw dia. (screw to screw) dimensions, etc.)

※ Model GT-NS50 is a special order item. Please contact VESSEL for details.

GT-N3/5/7/10/12/20/30/50 Hand Held Air Nippers

N

VESSEL's special order blades provide solutions for a virtually unlimited range of needs, leading to safer, and more efficient work with less fatigue.



- N20, N30 N50
- N20, N30 and N50 have the air cock.

Capacity ϕ (mm)				Model No.	Size (mm)				Air Consumption (cm ³ /str.)	Air Pressure (MPa)	Weight (g)	Body	Hose coupling
Soft Plastic	Hard Plastic	Copper	Steel		A	B	C	D					
2.0		1.0	0.5	GT-N3	112	23	7	14	45	0.4~0.5	95	Rc1/8	R1/4
2.0		1.0	0.5	GT-N5	103	30	7	17	64	0.4~0.5	135	Rc1/8	
3.0	2.0	1.6	1.0	GT-N7	123	34	9	17	116	0.4~0.5	180	Rc1/4	
4.0	2.6	1.8	1.2	GT-N10	132	34	9	17	116	0.4~0.5	185	Rc1/4	
4.5	4.0	2.3	1.7	GT-N12	142	36	12	20	116	0.5~0.6	210	Rc1/4	
7.0	5.0	2.6	2.0	GT-N20	156	45	12	23	230	0.5~0.6	375	Rc1/4	
10.0	6.5	3.3	2.8	GT-N30	193	56	17	30	584	0.5~0.6	625	Rc1/4	
		5.5	4.5	GT-N50	237	75	25.2	43	1,170	0.5~0.6	1,220	Rc1/4	

• Hose coupling: R 1/4 • Air hose inner dia. : 5mm • Overall length: Accessories, Hunger not included. • Weight: Accessories not included.

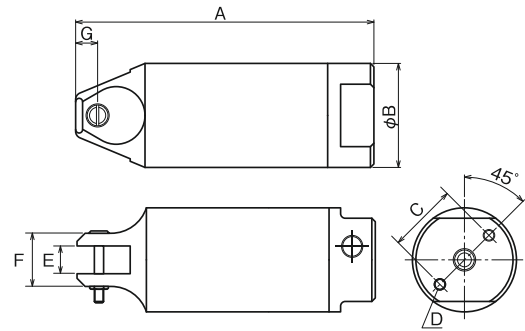
Blade is c Blade is optional.

Air nippers

GT-NR3/5/7/10L/20/30/50 Air Nipper Round-Type without Lever

NR

The Nr20 body contains the installation scale of two sides.



- The main body end is 180° rotatable.
- Two suction (intake) ports are provided, the suction position can be optionally changed depending on the mounting plate.

	Model No.	A	B	C	Size (mm) D	E	F	G	Air Consumption (cm³/str.)	Air Pressure (MPa)	Weight (g)	Hose coupling
Soft Plastic	GT-NR3	110	23	17	M3 Depth8	7	14	7	45	0.4~0.5	70	Rc1/8
Hard Plastic	GT-NR5	94	30	20	M4 Depth10	7	17	7	64	0.4~0.5	110	
Copper	GT-NR7	113	34	22	M4 Depth10	9	17	7	116	0.4~0.5	150	
Steel	GT-NR10L	113	36	24	M4 Depth10	12	20	7	116	0.4~0.6	215	
	GT-NR20	129	45	30	M5 Depth12	12	23	9.5	230	0.5~0.6	280	
	GT-NR30	165	56	40	M6 Depth12	17	30	10.5	584	0.5~0.6	505	
	GT-NR50	222	75	50	M8 Depth12	25.2	43	15	1,170	0.5~0.6	1,190	

• Air hose inner dia. : 5mm • Overall length/Weight: Accessories not included.

※ Before mounting of exclusive/automatic machines, check the following product dimensions.
(Frame O.D., screw dia. (screw to screw) dimensions, etc.)

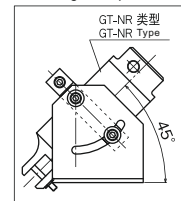
GT-NR10LST/20ST/30ST/50ST Stand

Stands for installing air nippers.
The angle is easily adjustable.

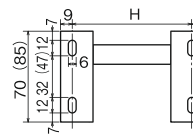
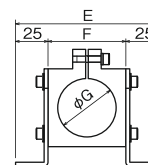


安装实例

Mounting example



六角空心螺栓
Hex Hollow Bolt
M5×0.8×20
六角空心螺栓
Hex Hollow Bolt
M5×0.8×10



() 中的图是用于 NR50ST 的
Figures in () are for the NR50ST

Model No.	E	Size (mm) F G H	Weight (g)
NR10LST	102	52 36 84	335
NR20ST	110	60 45 92	385
NR30ST	130	80 56 112	535
NR50ST Option	150	100 75 132	835

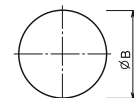
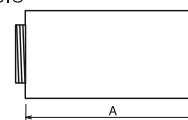
P-10L/20/30/50 Powerful Intensifiers (With Extra pressure Booster)

P

This unit is to be used in case the originally required pressure is not obtainable by the limit of space and air pressure.



P-20



	Capacity φ (mm)	Application model	Model No.	Size (mm) A B	Air Consumption (cm³/str.)	Air Pressure	Weight (g)
Soft Plastic	5.0	NS10L, NR10L, N12	P-10L	71 36	223	Up to 0.5MPa	115
Hard Plastic	4.0	N20, NS20, NR20	P-20	87 45	508	Up to 0.5MPa	215
Copper	2.6	N30, NS30, NR30	P-30	92 56	956	Up to 0.5MPa	330
Steel	2.2	N50, NR50	P-50	133 75	2,670	Up to 0.5MPa	840

• Above figures of overall length and the weight are defined for the extra booster specs only. And these figures in the installation.

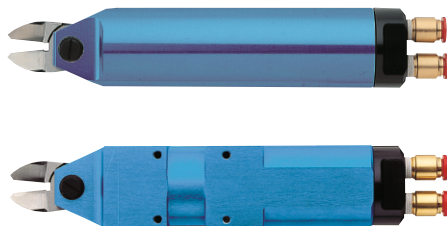
Blade is optional.

GT-NWR10/20/30 GT-NWS1/10/20/30 Double Action Air Nippers

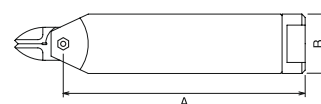
Patented

NWR • NWS

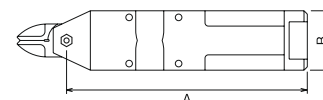
Blade opening and closing is air piston driven.
Having no spring mechanism in the main unit facilitates
maintenance operations.



GT-NWR



GT-NWS



Model No.	Capacity ϕ (mm)			Air Consumption	Applied Pressure	Air Pressure	Size (mm)		Weight (g)
	Copper	Steel	ABS Plastic	(cm ³ /str.)	(N)	(MPa)	A	B	
Double Action Air Scissors (Round Type without Lever)									
GT-NWR10	1.8	1.2	4.0	116	588	0.4~0.5	146	ϕ 36	280
GT-NWR20	2.6	2.0	6.5	230	1,372	0.5~0.6	165	ϕ 45	523
GT-NWR30	3.3	2.8	9.5	584	2,744	0.5~0.6	230.5	ϕ 56	980
Double Action Air Scissors (Square Type)									
GT-NWS1	1.0	0.5	2.0	45	294	0.4~0.5	95	23X20	116
GT-NWS10	1.8	1.2	4.0	116	588	0.4~0.5	146	36X36	356
GT-NWS20	2.6	2.0	6.5	230	1,372	0.5~0.6	165	45X45	610
GT-NWS30	3.3	2.8	9.5	584	2,744	0.5~0.6	230.5	56X56	1115

GT-NB20/30/20LW/30LW Slide-Off Air Nipper Bracket-Type

NB

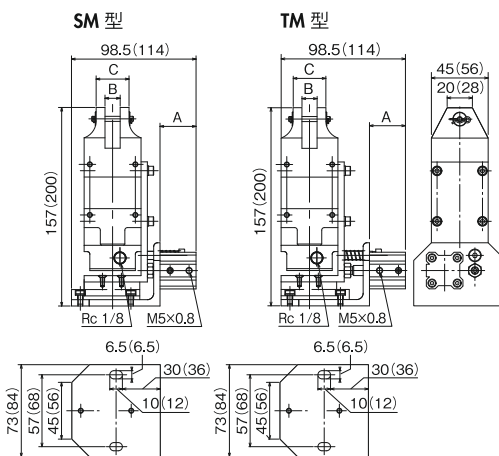
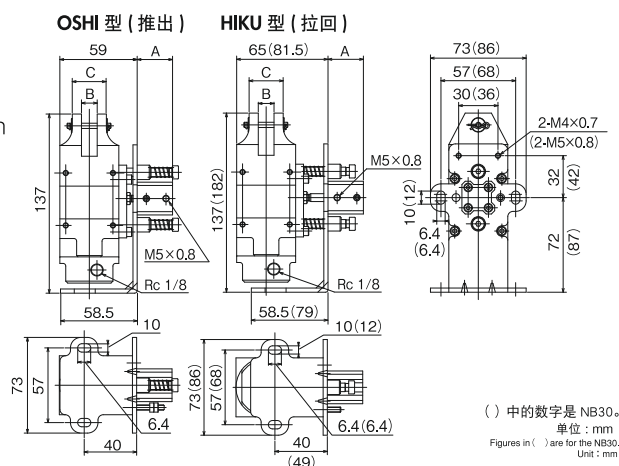
VESSEL has achieved smooth, continuous slide movement even for large diameter gate cuts, which produce a large shock at each cut.



GT-NB20LW-10TM
Accurate slide function
with slide stroke



GT-NB20



Model No.	Size (mm)			Slide Direction/ Distance (mm)	Weight (g)
	A	B	C		
GT-NB20 (5-OSHI)	22	12	26	Push 0~5	755
GT-NB20 (5-HIKU)	22	12	26	Pull 0~5	755
GT-NB20 (10-OSHI)	27	12	26	Push 0~10	755
GT-NB20 (10-HIKU)	27	12	26	Pull 0~10	755
GT-NB30 (10-HIKU)	28.5	17	36	Pull 0~10	1,420
GT-NB20LW-10TM	28.5	12	26	Pull 0~10	795
GT-NB30LW-10TM	29.5	17	36	Pull 0~10	1,315
GT-NB20LW-10SM	28.5	12	26	Push 0~10	795
GT-NB30LW-10SM	29.5	17	36	Push 0~10	1,325

Blade is optional.

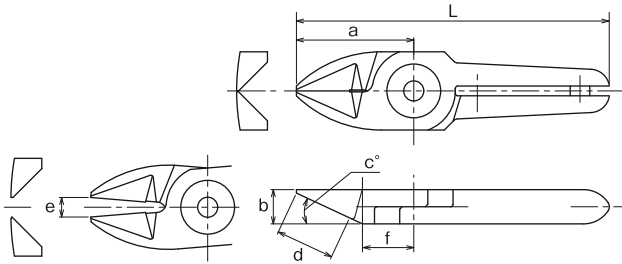
Air nipper standard blades for metal

AS/HS

Standard

Metal

AS/ Standard type. This is a general set of blades used for cutting copper wire and steel wire. HS/ Improved durability with brazed high-speed steel.



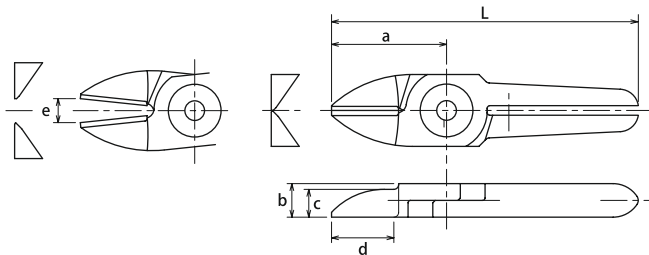
Model No.	a	b	c(°)	Size (mm) d	e	f	L	Weight (g)	Material	Application model
N3AS	24	7	25	12	4	10.5	64	35	Special alloy steel	GT-N3 / NS3 / NR3
N3HS	24	7	25	12	4	10.5	64	35	High Speed Steel	GT-N3 / NS3 / NR3
N5AS	24	7	25	12	4	10.5	64	40	Special alloy steel	GT-N5 / NS5 / NR5
N5HS	24	7	25	12	4	10.5	64	40	High Speed Steel	GT-N5 / NS5 / NR5
N7AS	27	9	30	13.5	4	12.5	81	80	Special alloy steel	GT-N7 / NS7 / NR7
N7HS	27	9	30	13.5	4	12.5	81	80	High Speed Steel	GT-N7 / NS7 / NR7
N10AS	27	9	30	13.5	5	12.5	91	85	Special alloy steel	GT-N10
N10HS	27	9	30	13.5	5	12.5	91	85	High Speed Steel	GT-N10
N10LAS	35	12	30	20	5	15	89	120	Special alloy steel	GT-NS10L / NR10L
N12AS	35	12	30	20	5	15	105	135	Special alloy steel	GT-N12
N12HS	35	12	30	20	5	15	105	135	High Speed Steel	GT-N12
N20AS	35	12	30	20	9	15	95	140	Special alloy steel	GT-NS20 / NR20 / N20
N30AS	43	17	30	25	9	18	127	370	Special alloy steel	GT-NS30 / NR30 / N30

BJ

Straight blades for metals

Metal

BJ/ This is a set of vertical blades with an unbeveled cutting edge for metal.



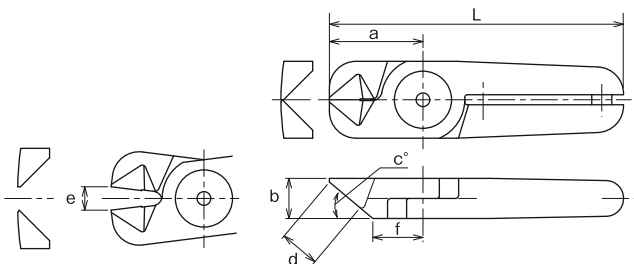
Model No.	a	b	c	Size (mm) d	e	f	L	Weight (g)	Material	Application model
NW1BJ	20	5	3	10.5	3.5	50	16	16	Special alloy steel	GT-NWR1 / NWS1
N3BJ	24	7	5.8	13	5	64	35	35	Special alloy steel	GT-N3 / NS3 / NR3
N5BJ	24	7	5.8	13	4	64	40	40	Special alloy steel	GT-N5 / NS5 / NR5
N7BJ	27	9	7.5	13	5	81	75	75	Special alloy steel	GT-N7 / NS7 / NR7
NW10BJ	30	9	6	14	5	85	76	76	Special alloy steel	GT-NWR10 / NWS10
NW20BJ	40	12	6	21.5	8	100	142	142	Special alloy steel	GT-NWR20 / NWS20
NW30BJ	55	17	8	29.5	11	140	367	367	Special alloy steel	GT-NWR30 / NWS30

AG

Powerful cutting blades

Metal

AG/ This is a set of blades with increased strength with a shorter cutting edge than the standard type. Increases the pressure because it cuts at the base of the blades.



Model No.	a	b	c(°)	Size (mm) d	e	f	L	Weight (g)	Material	Application model
N20AG	28	12	40	12	7	15	88	135	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N20HS	26	12	40	10	7	13.5	86	135	High Speed Steel	GT-NS20 / NR20 / N20 / NB20

Air nipper standard blades for metal

Profile, SUS Tube
Profilör

Stents Module
Bağıntı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havai Kesiciler

Vacuum Module
Vakum Modülleri

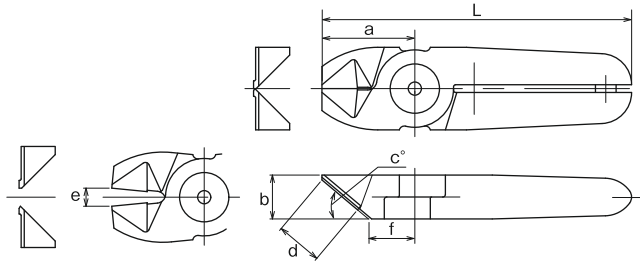
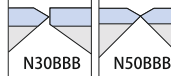
Accessory Components
Aksesuar Komponentleri

BBB

Powerful cutting blades with carbide tips

Metal

BBB/ With carbide tips suitable for cutting hard wire such as high steel wire and piano wire.



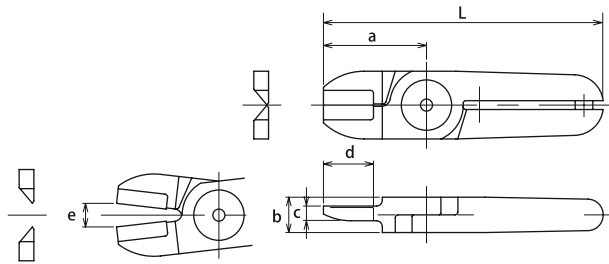
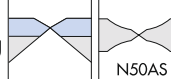
Model No.	a	b	c (°)	Size (mm) d	e	f	L	Weight (g)	Material	Application model
N30BBB	36	17	40	18	7	18	120	365	Sintered Alloy	GT-NS30 / NR30 / N30 / NB30
N50BBB	46	25	35	19	9	24	166	955	Sintered Alloy	GT-NR50 / N50

BFB/AS

Clipper blade with carbide tips

Metal

BFB/ The shape is clipper type. With carbide tips, suitable for cutting metal wire and thin pipe. AS/ Standard clipper type blades.



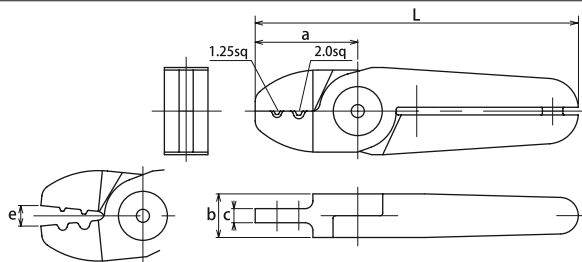
Model No.	a	b	c	Size (mm) d	e	L	Weight (g)	Material	Application model
N20BFB	35	12	5	17	8	95	150	Sintered Alloy	GT-NS20 / NR20 / N20 / NB20
N50AS	60	25	10	30	11	180	950	Special alloy steel	GT-NR50 / N50

ACD

Crimp edge for solderless terminals

Metal

ACD/ This is a set of blades for crimping solderless terminals. (Bare terminal 1.25 sq/2.0 sq)



Model No.	a	b	Size (mm) c	d	e	L	Weight (g)	Material	Application model
N30ACD	40	17	5.5		8	126	335	Special alloy steel	GT-NS30 / NR30 / N30 / NB30

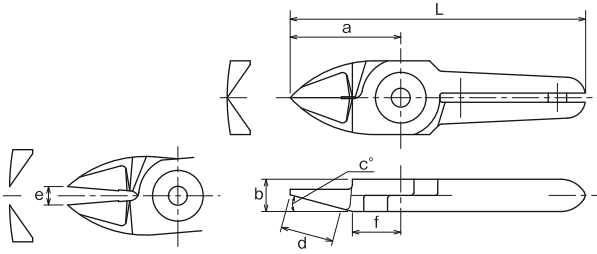
Air nipper standard blades for plastic

AP

For plastic

Plastic

AP/ This is a standard set of blades used to cut plastic. A broad, gentle curve is provided in the cross section for gate processing where the cut end must not be left. (The cutting edge is curved.)



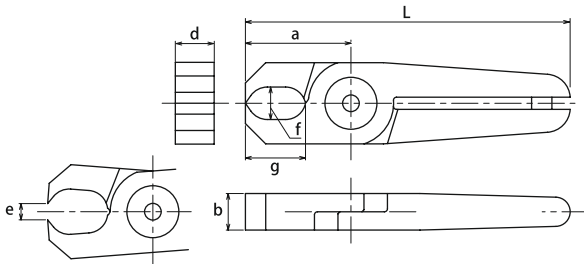
Model No.	Size (mm)							Weight (g)	Material	Application model
	a	b	c (°)	d	e	f	L			
N3AP	24	7	15	11.5	4	10.5	64	35	Special alloy steel	GT-N3 / NS3 / NR3
N5AP	24	7	15	11.5	4	10.5	64	40	Special alloy steel	GT-N5 / NS5 / NR5
N7AP	27	9	30	11.5	4	14.5	81	80	Special alloy steel	GT-N7 / NS7 / NR7
N10AP	27	9	30	11.5	5	14.5	91	85	Special alloy steel	GT-N10
N10LAP	35	12	15	16	5	15	89	120	Special alloy steel	GT-NS10L / NR10L
N12AP	35	12	15	16	5	15	105	135	Special alloy steel	GT-N12
N20AP	35	12	15	16	11	15	95	125	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N30AP	66	17	15	38	16	24	150	380	Special alloy steel	GT-NS30 / NR30 / N30 / NB30

AE

Nipping blades for plastic

Plastic

AE/ Used for processing plastic gates such as ride gates and discard gates.



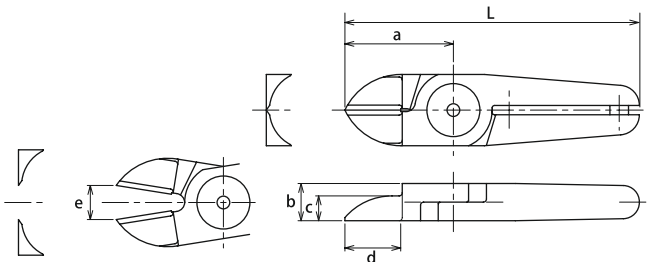
Model No.	Size (mm)						Weight (g)	Material	Application model
	a	b	f×g	d	e	L			
N3AE	20	7	6×11	7	3.5	60	35	Special alloy steel	GT-N3 / NS3 / NR3
N5AE	20	7	6×6.6	7	3.5	60	40	Special alloy steel	GT-N5 / NS5 / NR5
N7AE	26	9	8×14.8	9	4	80	85	Special alloy steel	GT-N7 / NS7 / NR7
N20AE	28	12	10×15.5	12	8	88	135	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N30AE	45	17	13×28	17	12	129	395	Special alloy steel	GT-NS30 / NR30 / N30 / NB30

AJ

Thin, straight blades for plastic

Plastic

AJ/ This is a set of vertical blades with an unbeveled cutting edge for plastic. You can apply it at a right angle to the gate.



Model No.	Size (mm)						Weight (g)	Material	Application model
	a	b	c	d	e	L			
NW10AJ	30	9	6	14	5	85	76	Special alloy steel	GT-NWR10 / NWS10
N20AJ	35	12	8	18	11	95	125	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N20AJB	35	12	8	18	11	95	125	Sintered Alloy	GT-NS20 / NR20 / N20 / NB20
NW20AJ	40	12	6	21.5	8	100	142	Special alloy steel	GT-NWR20 / NWS20
N30AJ	52	17	8	28	11	136	370	Special alloy steel	GT-NS30 / NR30 / N30 / NB30
NW30AJ	55	17	8	29.5	11	140	368	Special alloy steel	GT-NWR30 / NWS30

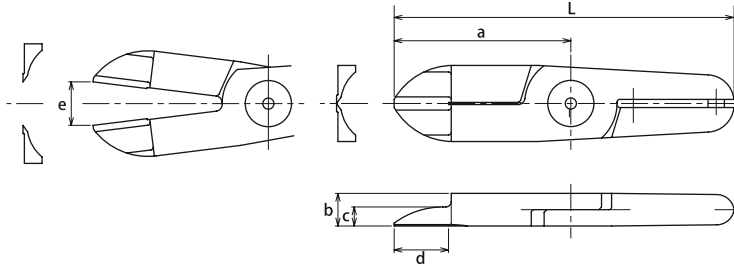
Air nipper standard/quasi-standard blades for plastic

AJL/ Quasi- standard products

Straight long blades for plastic

Plastic

AJL/ This is a long type set of straight blades. This is suitable when there is distance between the nippers and the gate cut portion of the workpiece. N30AJL163 is useful for wide gate processing



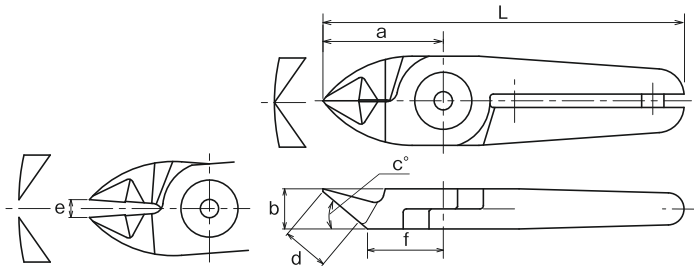
Model No.	Size (mm)						Weight (g)	Material	Application model
N10LAJ141	61	12	7	34	10	115	165	Special alloy steel	GT-NS10L / NR10L
N20AJL	65	12	7	20	16	125	230	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N20AB39	61	12	7	36	14	121	185	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N30AJ163	65	17	7	41	17.5	149	355	Special alloy steel	GT-NS30 / NR30 / N30 / NB30
N30AJL	75	17	8	25	19	159	470	Special alloy steel	GT-NS30 / NR30 / N30 / NB30

PF

Flat blades for plastic

Plastic

PF/ This is a set of blades for cutting the cut end flat for plastic. A large R is provided in the cross section for gate processing where the cut end must not be left.



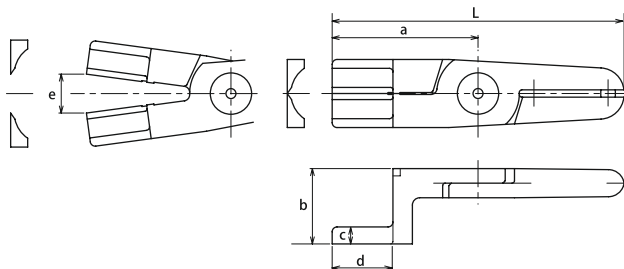
Model No.	Size (mm)						Weight (g)	Material	Application model
N7PF	27	9	40	10.5	4	17	81	Special alloy steel	GT-N7 / NS7 / NR7
N10LPF	35	12	40	13.5	5	21	89	Special alloy steel	GT-NS10L / NR10L
N20PF	35	12	40	13.5	11	21	95	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N30PF	58	17	30	25	15	33	142	Special alloy steel	GT-NS30 / NR30 / N30 / NB30

AH

Crank blades for plastic

Plastic

AH/ This is a set of blades with a crank cutting edge for plastic. It is effective when there are obstructions or the gate is narrow.



Model No.	Size (mm)						Weight (g)	Material	Application model
N20AH	60	31	7	23	16	120	240	Special alloy steel	GT-NS20 / NR20 / N20 / NB20

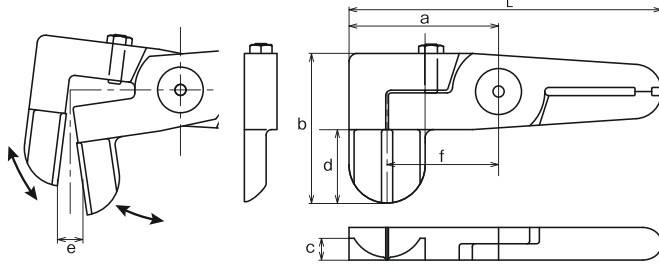
Air nipper standard/quasi-standard blades for plastic

AMR/ AML

Laterally facing blades for plastics

Plastic

AMR/AML This is a set of blades for plastic where the ML cutting edge is bent 90 degrees. It is useful when restricted to confined spaces hard for the nipper to get into.



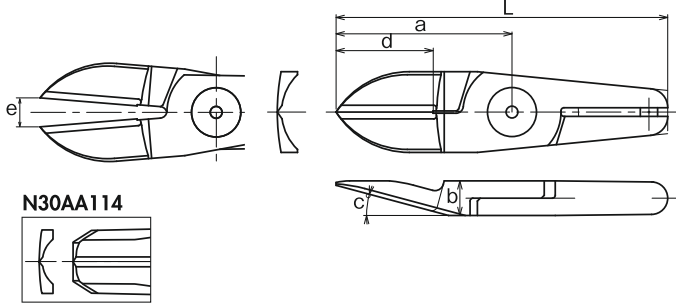
Model No.	Size (mm)							Weight (g)	Material	Application model
	a	b	c	d	e	f	L			
N20AML1498	55	55	8	26	9.5	41	115	270	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N20AMR1499	55	55	8	26	9.5	41	115	270	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N30AML1435	55	68	10	35	13	39	139	520	Special alloy steel	GT-NS30 / NR30 / N30 / NB30
N30AMR1395	55	68	10	35	13	39	139	520	Special alloy steel	GT-NS30 / NR30 / N30 / NB30

Quasi-standard products

R blades for plastic

Plastic

A large R is provided in the cross section for gate processing where the cut end must not be left. An angled blades can be selected in accordance with the installation angle of the main unit.



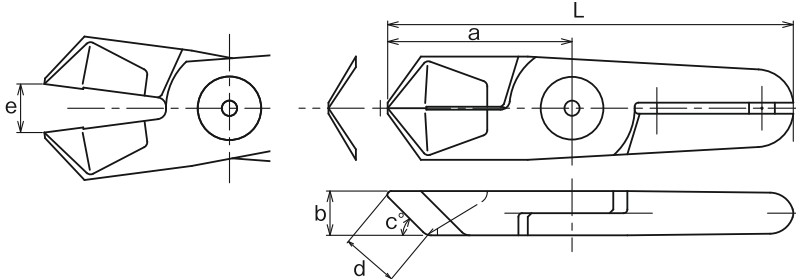
Model No.	Size (mm)						Weight (g)	Material	Application model
	a	b	c(°)	d	e	L			
N10LAB152	61	12	15	35	10	115	165	Special alloy steel	GT-NS10 /NR10L
N20AA27	45	12	23	25	12	105	145	Special alloy steel	GT-NS20 / NR20/N20 /NB20
N20AA239	52.3	12	40	27	14	112.3	195	Special alloy steel	GT-NS20 / NR20/N20/NB20
N20AB360	61	12	15	35	16	121	185	Special alloy steel	GT-NS20 / NR20/N20/ NB20
N30AA114	76.3	17	30	50	20	160.3	385	Special alloy steel	GT-NS30/NR30/N30 / NB30

Quasi-standard products

Angled nipping blades for plastic

Plastic

AE/ Used for processing plastic gates such as ride gates, discard gates. The cutting edge is angled so that the main unit can set up diagonally.



Model No.	Size (mm)						Weight (g)	Material	Application model
	a	b	c (°)	d	e	L			
N20AE19	50	12	45	13	13	110	200	Special alloy steel	GT-NS20 / NR20 / N20 / NB20
N30AE53	65	17	65	18.5	16	149	440	Special alloy steel	GT-NS30 / NR30 / N30 / NB30

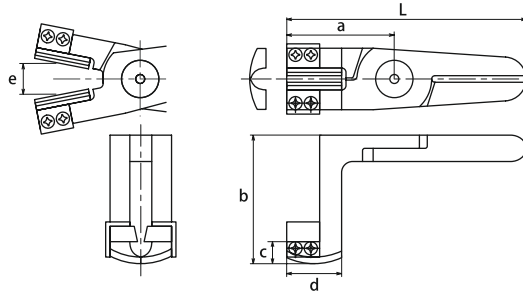
Air nipper quasi-standard blades for plastic

Quasi-standard products

Comes with sprue chuck function①

Plastic

Mainly in gate processing for direct gates, the sprue is caught with urethane rubber. A large R is provided in the cross section for gate processing where the cut end must not be left.



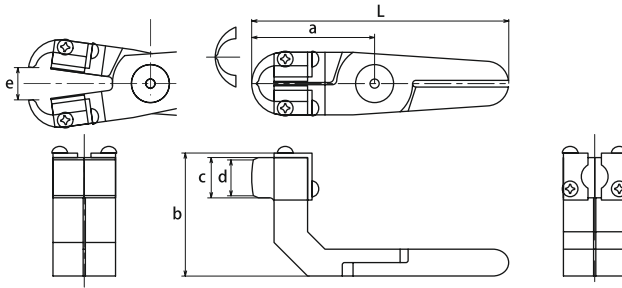
Model No.	a	b	c	d	e	L	Weight (g)	Material	Application model
N20AH533	49	58.5	10	25	14	109	280	Special alloy steel	GT-N20 / NS20 / NR20

Quasi-standard products

② Comes with sprue chuck function②

Plastic

Mainly in gate processing for direct gates, the sprue is caught with urethane rubber. A large R is provided in the cross section for gate processing where the cut end must not be left.



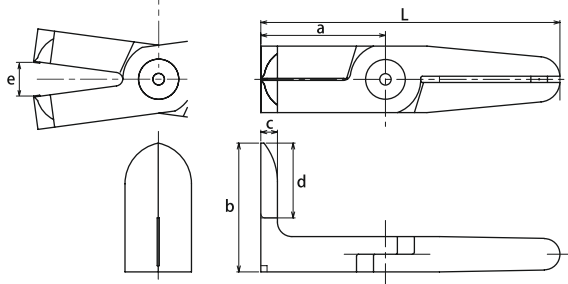
Model No.	a	b	c	d	e	L	Weight (g)	Material	Application model
N20AH152	55	53	18	16	15	115	330	Special alloy steel	GT-N20 / NS20 / NR20

Quasi-standard products

L blades for sprue cut

Plastic

This is an angled long type straight set of blades with a 90-degree angle. Ideal for direct gate cut.



Model No.	a	b	c	d	e	L	Weight (g)	Material	Application model
N30AL525	60	62	8	36	16	144	520	Special alloy steel	GT-N30 / NS30 / NR30 / NB30

Profile, SUS Tube
Profiler

Stents Module
Bağıntı Modülleri

Quick Changer
Hızlı Değiştiriciler

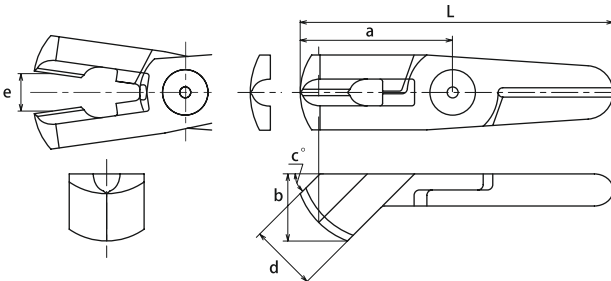
Grip Module
Tutucu Modülleri

Air Nipper
Havai Kesiciler

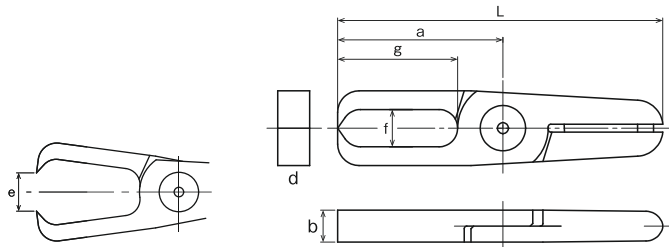
Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Air nipper quasi-standard blades for plastic

Quasi-standard products	Nipping blades for sprue cut						Plastic					
	This is the perfect spherical set of cutting blades for sprue cut. The blades can be inserted precisely in narrow areas that have ribs around them and the finish is very clean.											
												
Model No.	a	b	Size (mm)			c (°)	d	e	L	Weight (g)	Material	Application model
N20AK249	57	25	45	25	14	117	240	Special alloy steel	GT-N20 / NS20 / NR20 / NB20			



Quasi-standard products	nipping blades for plastic						Plastic				
	AE/ Used for processing plastic gates such as ride gates, discard gates.										
											
Model No.	a	b	Size (mm)		c (°)	d	e	L	Weight (g)	Material	Application model
N20AE1205	62	12	14×45			12	16.5	122	202	Special alloy steel	GT-NS20 / NR20 / N20 / NB20



Air Nipper Troubleshooting

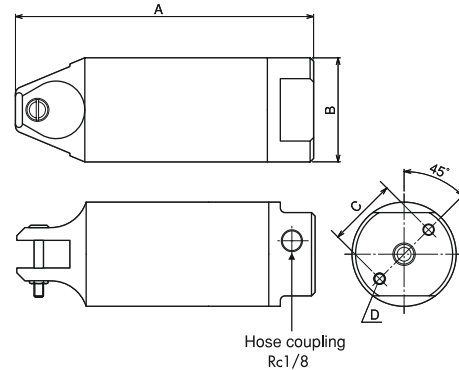
Inspection items when a malfunction occurs during use

Symptoms	Causes	Treatment
1. Blades or slide not working properly.	Air is not being supplied	Supply air
	The hose is twisted	Extend the hose
	Low air pressure	Air pressure adjustment
	Corrosion, wear, or contamination of sliding part of the blades	Lubrication/disassembly adjustment
	Sliding parts burned by heat (heat nipper)	Component replacement
	Broken blade spring	Component replacement
	Broken return spring	Component replacement
	Broken blades	Replace blades
2. Air leakage	Wear of the cutting unit/rivet	Replace blades
	Valve malfunction/wear, damage (O-rings, ball valves, etc.)	Component replacement
	Packing is broken	Component replacement

Air nippers

NR20-P/NR30-P Air Nipper Round-Type without Lever

NR



-
-
- The main body end is 180° rotatable.
- Two suction (intake) ports are provided, the suction position can be optionally changed depending on the mounting plate.

Soft Plastic	Hard Plastic	Copper	Steel	PN	Model No.	A	B	Size (mm) C	D	Air Consumption (cm³/str.)	Air Pressure (MPa)	Weight (g)	Hose coupling
7.0	5.0	2.6	2.0	8.Y00113	NR20-P	129	45	30	M5 Depth12	230	0.5~0.6	280	Rc1/8
10.0	6.5	3.3	2.8	8.Y00237	NR30-P	165	56	40	M6 Depth12	584	0.5~0.6	505	

• Air hose inner dia. : 5mm • Overall length/Weight: Accessories not included.

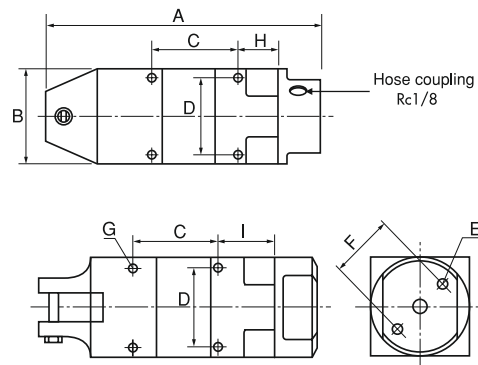
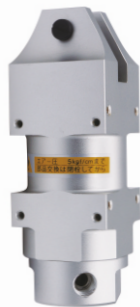
※ Before mounting of exclusive/automatic machines, check the following product dimensions.
(Frame O.D., screw dia. (screw to screw) dimensions, etc.)

Air Nippers

NS20-P/NS30-P Square Air Nippers

NS

VESSEL provides a generous selection of blades for all wire cutting needs, including resin product gate cuts and automatic welding equipment.



-
-
- The main body end is 180° rotatable.
- Two suction (intake) ports are provided, and so the suction position can be optionally changed depending on the mounting place.

Capacity φ (mm)	PN	Model No.	A	B	C	D	Size (mm) E	F	G	H	I	Air Consumption (cm³/str.)	Air Pressure (MPa)	Weight (g)	Hose coupling
Soft Plastic Hard Plastic Copper Steel	8.Y00079	NS20-P	129	45	40	36	M5Depth12	30	M4Depth7	19	24	230	0.5~0.6	370	Rc1/8
10.0 7.0 5.0 2.6 2.0	8.Y00080	NS30-P	170	56	60	46	M6Depth12	40	M5Depth10	20	30	584	0.5~0.6	685	

• Air hose inner dia. : 5mm • Overall length/Weight: Accessories not included.

※ Before mounting of exclusive/automatic machines, check the following product dimensions.
(Frame O.D., screw dia. (screw to screw) dimensions, etc.)

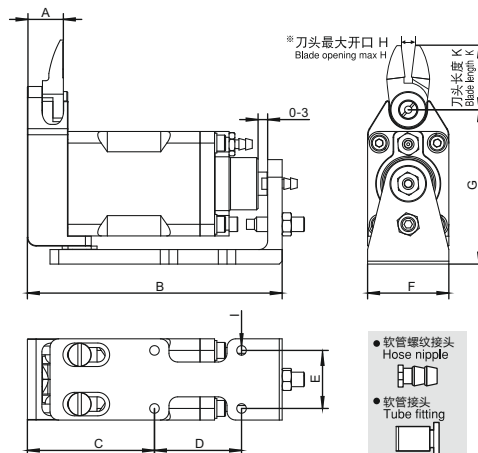
Air nippers

NY10 -P/NY15 -P Slide-Off Air Nippers Horizontal-Type

NY



The horizontal slide enables space to be used effectively.
The low profile of the main unit allows work to be removed without obstructing the operations of the chuck plate.



Capacity ϕ (mm)				PN	Model No.	Size (mm)										Air Consumption (cm ³ /str.)	Weight (g)	Slide Direction/ Distance (mm)	Spec. & Size of the Hose Port
Soft Plastic	Hard Plastic	Copper	Steel			A	B	C	D	E	F	G	H	I					
3.5	2.3			8.Y00270	NY10-P	12.4	87.8	43.8	30	20	28	53.2	4	M4		48	155	Pull 0~3	W/tube fitting
4.0	2.6			8.Y00249	NY15-P	13.2	96.5	45.5	35	25	33	58	6	M4		48	155	Pull 0~3	Hose I.D. ϕ 2.5XO.D. ϕ 4mm

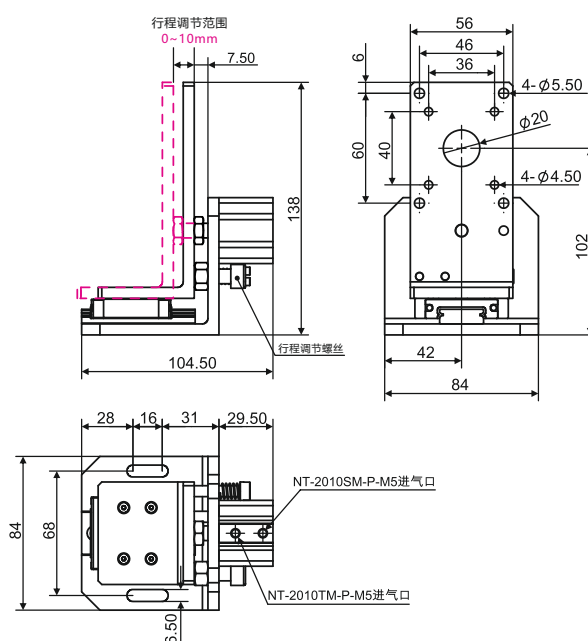
※Blade length (K) and opening max. (H) is the dimension adjusted for standard blade (AJ type). ※Air Pressure...0.4~0.5 MPa
※B refers to the distance from the cut position for PUSH style models, and the distance from the start position for PULL style models.

Slide-Off Air Nipper Bracket-Type

NT



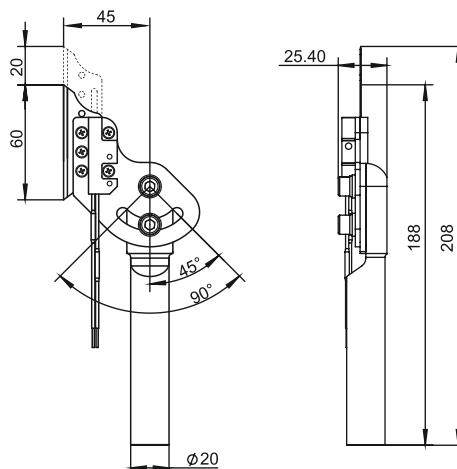
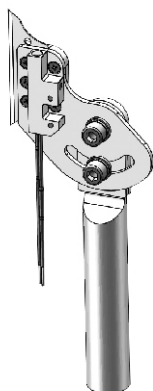
It has achieved smooth, continuous slide movement even for large diameter gate cuts, which produce a large shock at each cut.



货号(PN)	8.Y00006	8.Y00003
型号(Model)	NT-2010TM-P	NT-2010SM-P
	pull by compressed air	push by compressed air

Heating cutter

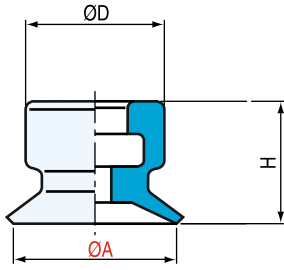
Remove sprue, deburr and trim.



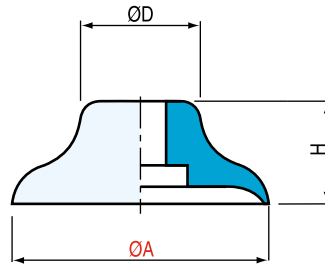
(PN)	(Model)	(Weight)
8.Y00346	GT-BH2060	180g

VS-PG Serisi Vantuzlar Vacuum Cups VS-PG Series

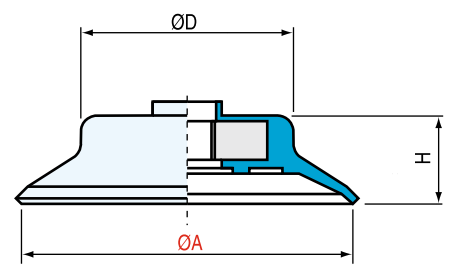
VS-PG2...VS-PG10



VS-PG15...VS-PG50



VS-PG60...VS-PG80



				ØA(mm)	H(mm)	ØD(mm)	STN(Saydam)	SI(İz Bırakmaz)	NBR(Kauçuk)
VS-PG2	0.5	0.1		2	4	4	-	1.Y03289	1.Y09807
VS-PG3.5	0.7	0.2		3.5	4	4	-	1.Y03290	1.Y09808
VS-PG5	0.9	0.3		5	6.5	7.5	-	1.Y03291	1.Y09809
VS-PG6	1.0	0.4		6	6.5	7.5	1.Y05881	1.Y03292	1.Y09810
VS-PG8	1.1	0.5		8	7	8	1.Y05882	1.Y03293	1.Y09811
VS-PG10	1.6	0.8		10	7.5	8.7	1.Y05883	1.Y03294	1.Y09812
VS-PG15	3.7	1.8		15	8	12	1.Y05884	1.Y03301	1.Y09813
VS-PG20	6.1	3.0		20	10	15	1.Y05885	1.Y03295	1.Y09814
VS-PG25	9.4	4.7		25	14	16	1.Y05886	1.Y03296	1.Y09815
VS-PG30	15.9	7.9		30	12	15	1.Y05887	1.Y03297	1.Y09816
VS-PG35	23.1	11.6		35	14	20.5	-	1.Y03298	1.Y09817
VS-PG40	26.7	13.4		40	14	23.5	1.Y05889	1.Y03299	1.Y09818
VS-PG50	38.3	19.1		50	15	29	1.Y05890	1.Y03300	1.Y09819
VS-PG60	57.8	28.9		60	16	38	1.Y05891	1.Y03302	1.Y09820
VS-PG80	101.1	50.6		80	18	53	1.Y05892	1.Y03303	1.Y09821

(1) yatay bir kullanım için 2'lik bir güvenlik faktörü de dahil olmak üzere gerçek% 65 vakum kullanımda vantuz gücü ve ve dikey kullanım için 4 faktörü.

(1) Actual force of the suction cup in use with 65% vacuum and including a safety factor of 2 for horizontal handling and a factor of 4 for vertical handling.

Uygulama Tipleri Types of assembly

Fabrika Kıvrımlı Bağlantı

Factory-crimped fitting:

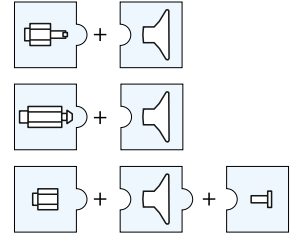
İçi Boş Bağlantı

Hollow shaft fitting:

Çıkarılabilir Bağlantı

Removable fitting:

(adapter and hollow screw)

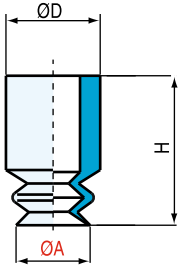


Vantuz Bağlantı Nipel Vacuum Cup Fitting	Vantuz Vacuum Cups
VM14-M5	VS-PG2~VS-PG3.5
VM13-M5	VS-PG5~VS-PG10
VM11-M5	VS-PG15~VS-PG20
VM-G18M-M5F+VM22-M5	VS-PG25~VS-PG40
VM28-M8+VM-G18M-M8F	VS-PG50
VM28-M8+VM-G14M-M8F	VS-PG60~VS-PG80
VM-G14M-M10M	

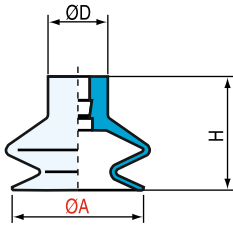
Materials Materyal	Shore Hardness Sertlik	A Flexibility Esneklik	Abrasion resistance Aşınma Direnci	UV & weather resistance UV & Hava Dir.	Oil resistance Yağ Direnci	Heat resistance (in °C) Isı Direnci	
SI: Translucent Silicone Saydam Silikon	50	+++	-	-	-	-40 to 220	Translucent Saydam
STN: Siton® Özel Kompozit(İz Bırakmaz)	60	+	++	-	++	0 to 160	Blue Mavi
NBR: Nitrile Kauçuk	60	+	+	-	++	0 to 80	Black Siyah

Vs2 Serisi Vantuzlar Vacuum Cups VS2 Series

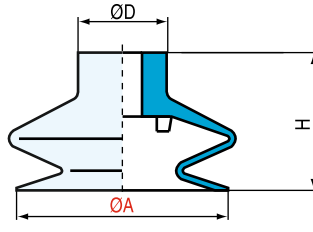
VS2-SA5



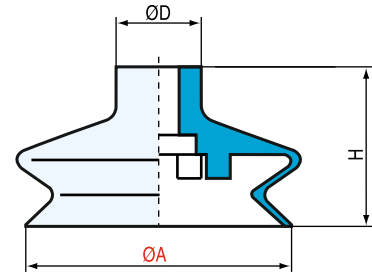
VS2-SA11...VS2-SA25



VS2-SA33...VS2-SA43



VS2-SA53...VS2-SA63



		Δ (N) ⁽¹⁾	Δ (N) ⁽¹⁾	ØA(mm)	H(mm)	ØD(mm)	STN(Saydam)	SI(İz Bırakmaz)	NBR(Kauçuk)
VS2-SA5		0.5	0.2	5.5	11	7	1.Y05308	1.Y05178	1.Y09822
VS2-SA11		1.7	0.9	11	16	10	1.Y04899	1.Y03085	1.Y09823
VS2-SA14		2.5	1.3	13	16	10	1.Y05309	1.Y03311	1.Y09824
VS2-SA16		2.7	1.3	16	19	10	1.Y04659	1.Y03086	1.Y09825
VS2-SA18		4.4	2.2	18	16.5	10	1.Y05315	1.Y05317	1.Y09826
VS2-SA20		5.6	2.8	19	16	10	1.Y05310	1.Y03088	1.Y09827
VS2-SA22		6.1	3.1	22	19	10	1.Y04658	1.Y03312	1.Y09828
VS2-SA25		7.9	4.0	24	23	10	1.Y04657	1.Y03089	1.Y09829
VS2-SA33		13.9	6.9	33	27.5	18	1.Y04656	1.Y03090	1.Y09830
VS2-SA43		20.2	10.1	43	28	18	1.Y04655	1.Y04636	1.Y09831
VS2-SA53		42.6	21.3	53	34	18	1.Y04654	1.Y03313	1.Y09832
VS2-SA63		59.2	29.6	63	34	18	1.Y04653	1.Y04637	1.Y09833

(1) yatay bir kullanım için 2'lik bir güvenlik faktörü de dahil olmak üzere gerçek% 65 vakum kullanımda vantuz gücü ve ve dikey kullanım için 4 faktörü.

(1) Actual force of the suction cup in use with 65% vacuum and including a safety factor of 2 for horizontal handling and a factor of 4 for vertical handling.



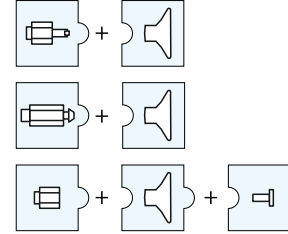
Uygulama Tipleri Types of assembly

Fabrika Kıvrımlı Bağlantı
Factory-crimped fitting:

İç Boş Bağlantı
Hollow shaft fitting:

Çıkarılabilir Bağlantı
Removable fitting:

(adapter and hollow screw)

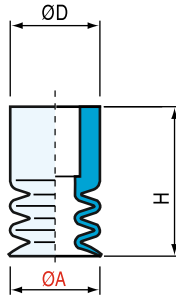


	Vantuz Bağlantı Nipel Vacuum Cup Fitting		Vantuz Vacuum Cups
VM21-M5			VS2-SA5
VM18-M5			VS2-SA11~VS2-SA25
VM02-G18			
VM08-M8 + VM-G18M-M8F			
VM08-M8 + VM-G14M-M8F			VS2-SA33~VS2-SA63
VM04-G14			
VM24-G18			

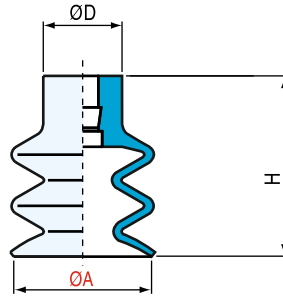
Materials Materyal	Shore Hardness Sertlik	A Flexibility Esneklik	Abrasion resistance Aşınma Direnci	UV & weather resistance UV & Hava Dir.	Oil resistance Yağ Direnci	Heat resistance (in °C) Isı Direnci	
SI: Translucēt Silicone Saydam Silikon	60	+	++	-	++	0 to 160	Blue Mavi
SIT5: Translucent Silicone Yarı Saydam Silikon	50	+++	-	+++	-	-40 to 220	Translucent Saydam
NBR: Nitrile Kauçuk	60	+	+	-	++	0 to 80	Black Siyah

Vs3 Serisi Vantuzlar Vacuum Cups VS3 Series

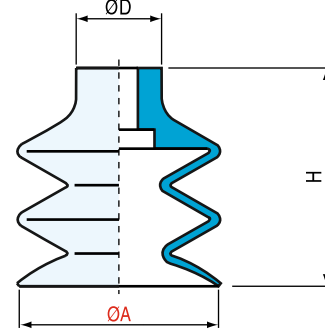
VS3-S5...VS3-S9



VS3-S12...VS3-S25



VS3-S32...VS3-S62



	(N) ⁽¹⁾	ØA(mm)	H(mm)	ØD(mm)	STN(蓝色)	SIT5(透明)	NBR(黑色)
VS3-S5	0.5	5	13.5	7	1.Y05304	1.Y05297	1.Y09834
VS3-S7	0.9	7	13.5	9	1.Y05286	1.Y05636	1.Y09836
VS3-S9	1.1	9	15	9	1.Y05634	1.Y05299	1.Y09837
VS3-S12	2.8	12	21	10	1.Y05630	1.Y05300	1.Y09838
VS3-S14	3.0	14	23	10	1.Y05635	1.Y05301	1.Y09839
VS3-S18	4.4	17.5	23	10	1.Y05305	1.Y05302	1.Y09840
VS3-S20	4.6	20	23	10	1.Y05287	1.Y03314	1.Y09841
VS3-S25	6.5	25	34	10	1.Y05288	1.Y03315	1.Y09842
VS3-S32	12.1	32	37.5	18	1.Y05289	1.Y03316	1.Y09843
VS3-S42	20.9	42	46	18	1.Y05290	1.Y03317	1.Y09844
VS3-S52	28.9	52	49	18	1.Y05291	1.Y03318	1.Y09845
VS3-S62	41.2	62	55	21	1.Y05292	1.Y03319	1.Y09846

(1) yatay bir kullanım için 2'lik bir güvenlik faktörü de dahil olmak üzere gerçek% 65 vakum kullanımda vantuz gücü ve ve dikey kullanım için 4 faktörü.

(1) Actual force of the suction cup in use with 65% vacuum and including a safety factor of 2 for horizontal handling and a factor of 4 for vertical handling.



Uygulama Tipleri Types of assembly

Fabrika Kıvrımlı Bağlantı

Factory-crimped fitting:

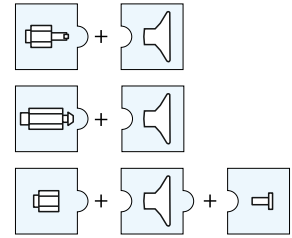
İçi Boş Bağlantı

Hollow shaft fitting:

Çıkarılabilir Bağlantı

Removable fitting:

(adapter and hollow screw)



Vantuz Bağlantı Nipel
Vacuum Cüp Fitting

VM21-M5

VM18-M5

VM02-G18

VM08-M8 + VM-G18M-M8F

VM08-M8 + VM-G14M-M8F

VM04-G14

VM24-G18

Vantuz
Vacuum Cups

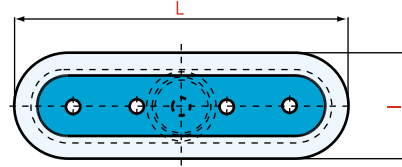
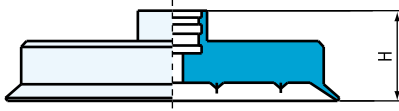
VS3-S5~VS3-S7

VS3-S9~VS3-S25

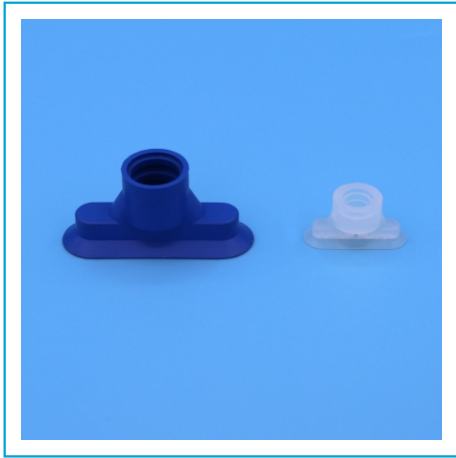
VS3-S32~VS3-S62

Materials Materyal	Shore Hardness Sertlik	A Flexibility Esneklik	Abrasion resistance Aşınma Direnci	UV & weather resistance UV & Hava Dir.	Oil resistance Yağ Direnci	Heat resistance (in °C) Isı Direnci	
SI: Translucent Silicone Saydam Silikon	60	+	++	-	++	0 to 160	Blue Mavi
SIT5: Translucent Silicone Yarı Saydam Silikon	50	+++	-	+++	-	-40 to 220	Translucent Yarı Saydam
NBR: Nitrile Kauçuk	60	+	+	-	++	0 to 80	Black Siyah

VS-PO Serisi Vantuzlar Vacuum Cups VS-PO Series



	L(mm)	l(mm)	H(mm)	STN(蓝色)	SI(透明)
VS-PO24	4	2	6	1.Y08504	1.Y08506
VS-PO357	7	3.5	6	1.Y08505	1.Y08507
VS-PO515	15	5	12	1.Y05638	1.Y03306
VS-PO618	18	6	12	1.Y05639	1.Y03307
VS-PO824	24	8	12	1.Y05640	1.Y03308
VS-PO1030	30	10	12	1.Y05641	1.Y03309
VS-PO1545	45	15	21	1.Y05642	1.Y03310
VS-PO2060	60	20	21	1.Y05643	1.Y05646
VS-PO2575	75	25	21	1.Y05644	1.Y05647
VS-PO3090	90	30	21	1.Y05645	1.Y05648



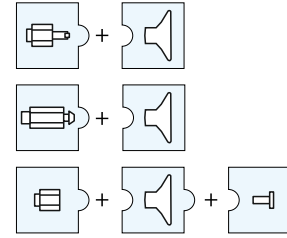
Uygulama Tipleri Types of assembly

Fabrika Kıvrımlı Bağlantı
Factory-crimped fitting:

İçi Boş Bağlantı
Hollow shaft fitting:

Çıkarılabilir Bağlantı
Removable fitting:

(adapter and hollow screw)

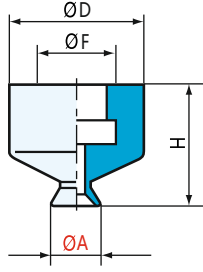


Vantuz Bağlantı Nipel Vacuum Cup Fitting	Vantuz Vacuum Cups
VM25-M3	VS-PO24~VS-PO357
VM12-M5	VS-PO515~VS-PO618
VM16-G18	VS-PO824~VS-PO1030
VM06-G14	VS-PO1545~VS-PO3090

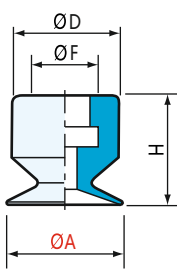
Materials Materyal	Shore Hardness Sertlik	A Flexibility Esneklik	Abrasion resistance Aşınma Direnci	UV & weather resistance UV & Hava Dir.	Oil resistance Yağ Direnci	Heat resistance (in °C) Isı Direnci	
SI: Translucent Silicone Saydam Silikon	50	+++	-	-	-	-40 to 220	Translucent Saydam
STN: Siton® Özel Kompozit(İz Bırakmaz)	60	+	++	-	++	0 to 160	Blue Mavi

VSH Serisi Vantuzlar Vacuum Cups VSH Series

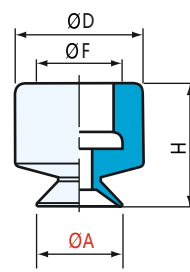
VSH-S2...VSH-S10



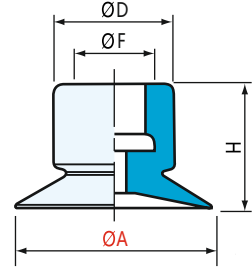
VSH-S12...VSH-S30



VSH-M4...VSH-M10



VSH-M12...VSH-M50



		$\Delta(N)^{(1)}$	$\Delta(N)^{(1)}$	ØA(mm)	H(mm)	ØD(mm)	ØF(mm)	SI(半透明)
VSH-S2		0.5	0.1	2	13	11	7	1.Y07282
VSH-S4		0.7	0.2	4	15	11	7	1.Y07283
VSH-S6		0.9	0.3	6	11	11	7	1.Y07284
VSH-S8		1.1	0.5	8	11	11	7	1.Y07285
VSH-S10		1.6	0.8	10	11	11	7	1.Y07286
VSH-S12		2.0	1.5	12	11	11	7	1.Y07287
VSH-S15		3.7	1.8	15	13	11	7	1.Y07288
VSH-S20		6.1	3.0	20	13	12	7	1.Y07289
VSH-S25		9.4	4.7	25	13	11	7	1.Y07290
VSH-S30		15.9	7.9	30	12	13	7	1.Y07291
VSH-M4		0.7	0.2	4	14	15	11	1.Y07292
VSH-M6		0.9	0.3	6	15	15	11	1.Y07293
VSH-M8		1.1	0.5	8	15	15	11	1.Y07294
VSH-M10		1.6	0.8	10	15	15	11	1.Y07295
VSH-M12		2.0	1.5	12	15	15	11	1.Y07296
VSH-M15		3.7	1.8	15	15.5	16	11	1.Y07297
VSH-M20		6.1	3.0	20	15.5	16	11	1.Y07298
VSH-M25		9.4	4.7	25	15	15	11	1.Y07299
VSH-M30		15.9	7.9	30	15	16	11	1.Y07300
VSH-M40		26.7	13.4	40	16	17	11	1.Y07301
VSH-M50		38.3	19.1	50	15	20	11	1.Y07302

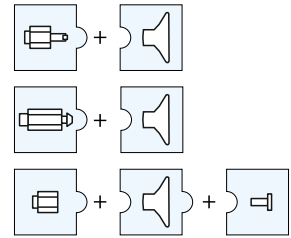
(1) yatay bir kullanım için 2'lik bir güvenlik faktörü de dahil olmak üzere gerçek % 65 vakum kullanımda vantuz gücü ve ve dikey kullanım için 4 faktörü.

(1) Actual force of the suction cup in use with 65% vacuum and including a safety factor of 2 for horizontal handling and a factor of 4 for vertical handling.

Uygulama Tipleri Types of assembly

Fabrika Kıvrımlı Bağlantı
Factory-crimped fitting:
İçi Boş Bağlantı
Hollow shaft fitting:
Çıkarılabilir Bağlantı
Removable fitting:

(adapter and hollow screw)



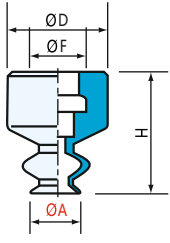
Vantuz Bağlantı Nipel Vacuum Cup Fitting	Vantuz Vacuum Cups
VM11-M5 VFS Metal Bağ. (VFS Series Stem) VFST Metal Bağ. (VFST Series Stem)	VSH-S2~VSH-S30
VM10-G 1/8 VM27-M5 VFM Metal Bağ. (VFM Series Stem) VFMT Metal Bağ. (VFMT Series Stem)	VSH-M4~VSH-M50



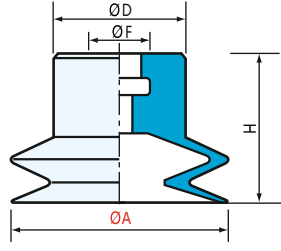
Materials Materyal	Shore Hardness Sertlik	A Flexibility Esneklik	Abrasion resistance Aşınma Direnci	UV & weather resistance UV & Hava Dir.	Oil resistance Yağ Direnci	Heat resistance (in °C) Isı Direnci	
SI: Translucent Silicone Saydam Silikon	50	+++	-	-	-	-40 to 220	Translucent Saydam

VSH2 Serisi Vantuzlar Vacuum Cups VSH2 Series

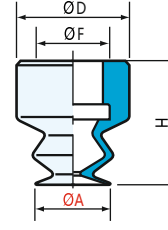
VSH2-S4...VSH2-S20



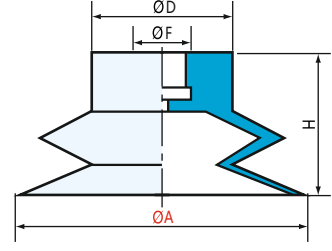
VSH2-S25...VSH2-S30



VSH2-M6...VSH2-M25



VSH2-M30...VSH2-M50



	Δ (N) ⁽¹⁾	Δ (N) ⁽¹⁾	ØA(mm)	H(mm)	ØD(mm)	ØF(mm)	SI(半透明)
VSH2-S4	0.3	0.1	4	15	12	7	1.Y07303
VSH2-S6	0.5	0.2	6	15	12	7	1.Y07304
VSH2-S8	1.2	0.7	8	15	12	7	1.Y07305
VSH2-S10	1.7	0.9	10	15	12	7	1.Y07306
VSH2-S12	2.5	1.3	12	15	12	7	1.Y07307
VSH2-S15	2.7	1.3	15	18	15	7	1.Y07308
VSH2-S20	5.6	2.8	20	18	15	7	1.Y07309
VSH2-S25	7.9	4.0	25	17.5	15	7	1.Y07310
VSH2-S30	12	6	30	17.5	15	7	1.Y07311
VSH2-M6	0.5	0.2	6	18	15	11	1.Y07312
VSH2-M8	1.2	0.7	8	17	15	11	1.Y07313
VSH2-M10	1.7	0.9	10	17	15	11	1.Y07314
VSH2-M12	2.5	1.3	12	17	15	11	1.Y07315
VSH2-M15	2.7	1.3	15	18	15	11	1.Y07316
VSH2-M20	5.6	2.8	20	18	15	11	1.Y07317
VSH2-M25	7.9	4.0	25	18	15	11	1.Y07318
VSH2-M30	12	6	30	19	18	11	1.Y07319
VSH2-M35	13.9	6.9	35	19	18	11	1.Y07320
VSH2-M40	20.2	10.1	40	22	23	11	1.Y07321
VSH2-M50	40	20	50	24	24	11	1.Y07322

(1) yatay bir kullanım için 2'lik bir güvenlik faktörü de dahil olmak üzere gerçek% 65 vakum kullanımda vantuz gücü ve ve dikey kullanım için 4 faktörü.

(1) Actual force of the suction cup in use with 65% vacuum and including a safety factor of 2 for horizontal handling and a factor of 4 for vertical handling.



Uygulama Tipleri Types of assembly

Fabrika Kıvrımlı Bağlantı

Factory-crimped fitting:

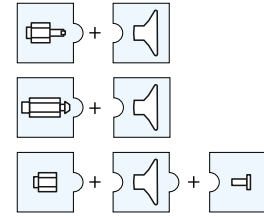
İç Boş Bağlantı

Hollow shaft fitting:

Çıkarılabilir Bağlantı

Removable fitting:

(adapter and hollow screw)



	Vantuz Bağlantı Nipel Vacuum Cup Fitting	Vantuz Vacuum Cups
VM11-M5	VFS Metal Bağ. (VFS Series Stem)	VSH2-S4~VSH2-S30
VFST Metal Bağ. (VFST Series Stem)		
VM10-G 1/8		
VM27-M5	VFM Metal Bağ. (VFM Series Stem)	VSH2-M6~VSH2-M50
VFMT Metal Bağ. (VFMT Series Stem)		

Materials Materyal	Shore Hardness Sertlik	A Flexibility Esneklik	Abrasion resistance Aşınma Direnci	UV & weather resistance UV & Hava Dir.	Oil resistance Yağ Direnci	Heat resistance (in °C) Isı Direnci	Translucent Saydam
SI: Translucent Silicone Saydam Silikon	50	+++	-	-	-	-40 to 220	Translucent Saydam

VSH3 Serisi Vantuzlar Vacuum Cups VSH3 Series

Profile, SUS Tube

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

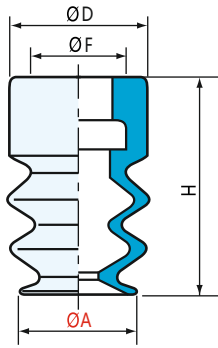
Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

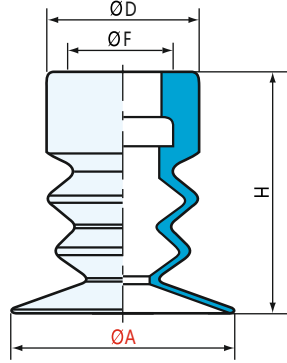
Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

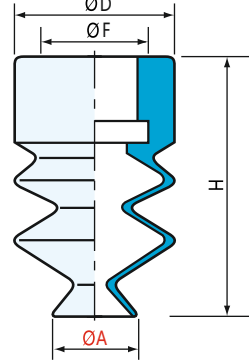
VSH3-S6...VSH3-S8



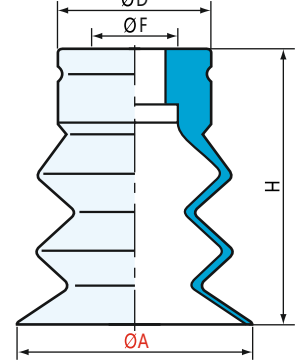
VSH3-S10...VSH3-S15



VSH3-M8...VSH3-M30



VSH3-M40...VSH3-M50



		Δ (N) ⁽¹⁾	ØA(mm)	H(mm)	ØD(mm)	ØF(mm)	SI(半透明)
VSH3-S6		0.5	6	15	10	7	1.Y07323
VSH3-S8		1.0	8	15	10	7	1.Y07324
VSH3-S10		1.5	10	15	10	7	1.Y07325
VSH3-S12		2.8	12	15	10	7	1.Y07326
VSH3-S15		3.0	15	16	10	7	1.Y07327
VSH3-M8		1.0	8	20	15	11	1.Y07328
VSH3-M10		1.5	10	24	15	11	1.Y07329
VSH3-M12		2.8	12	24	15	11	1.Y07330
VSH3-M15		3.0	15	24	15	11	1.Y07331
VSH3-M20		4.6	20	25	15	11	1.Y07332
VSH3-M25		6.5	25	29	17	11	1.Y07333
VSH3-M30		12.1	30	35	17	11	1.Y07334
VSH3-M40		20.5	40	45	20	11	1.Y07335
VSH3-M50		25	50	43	20	11	1.Y07336

(1) yatay bir kullanım için 2'lik bir güvenlik faktörü de dahil olmak üzere gerçek% 65 vakum kullanımda vantuz gücü ve ve dikey kullanım için 4 faktörü.

(1) Actual force of the suction cup in use with 65% vacuum and including a safety factor of 2 for horizontal handling and a factor of 4 for vertical handling.



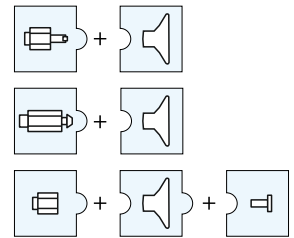
Uygulama Tipleri Types of assembly

Fabrika Kıvrımlı Bağlantı
Factory-crimped fitting:

İçi Boş Bağlantı
Hollow shaft fitting:

Çıkarılabilir Bağlantı
Removable fitting:

(adapter and hollow screw)



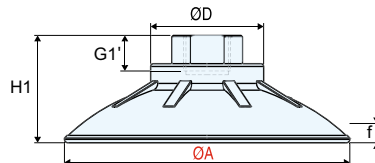
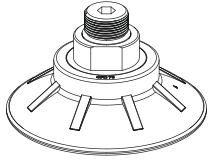
Vantuz Bağlantı Nipel Vacuum Cup Fitting	Vantuz Vacuum Cups
VM11-M5 VFS Metal Bağ. (VFS Series Stem) VFST Metal Bağ. (VFST Series Stem)	VSH3-S6~VSH3-S15
VM10-G 1/8 VM27-M5 VFM Metal Bağ. (VFM Series Stem) VFMT Metal Bağ. (VFMT Series Stem)	VSH3-M8~VSH3-M50

Materials Materyal	Shore Hardness Sertlik	A Flexibility Esneklik	Abrasion resistance Aşınma Direnci	UV & weather resistance UV & Hava Dir.	Oil resistance Yağ Direnci	Heat resistance (in °C) Isı Direnci	
SI: Translucent Silicone Saydam Silikon	50	+++	-	-	-	-40 to 220	Translucent Saydam

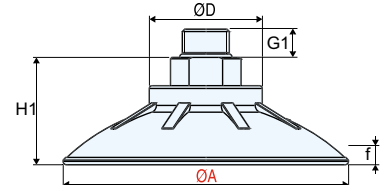
VFC Serisi Vantuzlar Vacuum Cups VFC Series

Fonksiyonlar: Kaymaz, yağ geçirmez ve su geçirmez (Çoğunlukla otomobil sac metal, cam vb. Adsorpsiyonu için kullanılır)

Functions: anti-skid, oil-proof and water-proof (mostly used for adsorption of automobile sheet metal, glass, etc.)



F38G Female fitting G3/8"



M38G Male fitting G3/8"

	ØA at rest	ØA gripping	(cm ³)	(N) ⁽¹⁾	(N) ⁽¹⁾	Rmin	Rmin	Ø bore	H1	f ⁽³⁾
VFC 35	37	38.5	2.46	50	50	58	50	6.3	25	3
VFC 50	51	54	8.37	100	100	66	52	6.3	30	5.5
VFC 75	76	80	25.03	200	170	100	58	6.3	33	8
VFC 100	101	105.7	57.61	350	270	120	90	6.3	38	10
VFC 125	127	132	119.7	550	480	160	115	6.3	44	14

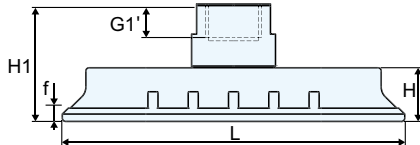
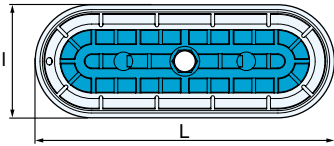
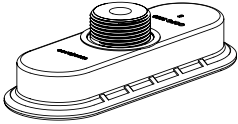


	G1	G1'	ØD(mm)	(g) F38G	(g) M38G	Stok K. (PN) F38G(İçten Dişli)	Stok K. (PN) M38G(Dıştan Diş.)
VFC 35	10	12.6	37	14	18	1.Y08448	1.Y08477
VFC 50	10	12.6	38	25	29	1.Y08449	1.Y08478
VFC 75	10	12.6	41	40	45	1.Y08450	1.Y08503
VFC 100	10	12.6	41	67	72	1.Y08451	1.Y08479
VFC 125	10	12.6	55	119	124	1.Y08452	1.Y08480

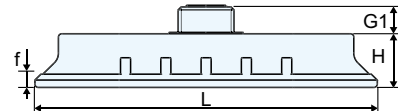
VOFC Serisi Vantuzlar Vacuum Cups VOFC Series

Fonksiyonlar: Kaymaz, yağ geçirmez ve su geçirmez (Çoğunlukla otomobil sac metal, cam vb. Adsorpsiyonu için kullanılır)

Functions: anti-skid, oil-proof and water-proof (mostly used for adsorption of automobile sheet metal, glass, etc.)



F38G Female fitting G3/8"



M38G Male fitting G3/8"

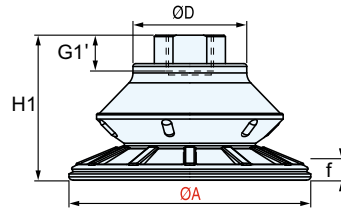
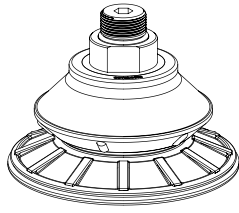
	I x L at rest	I x L gripping	(cm ³)	(N) ⁽¹⁾	(N) ⁽¹⁾	Rmin	Rmin	Ø bore	H1	H
VOFC 2565	25x65	26.8x67	3.78	70	70	25	25	6	31.5	12.5
VOFC 3080	30x80	31.5x82	6.08	110	90	40	32	6	32	13
VOFC 4080	40x80	42x82	11.03	140	120	60	40	6	34	15
VOFC 50100	50x100	52.5x102.5	22.25	230	240	70	50	6	35	16



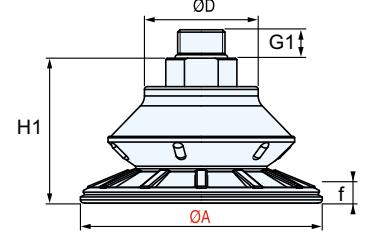
	G1	G1'	f ⁽²⁾	(g) F38G	(g) M38G	Stok K. (PN) F38G(İçten Dişli)	Stok K. (PN) M38G(Dıştan Diş.)
VOFC 2565	8	10	3	24	17	1.Y08453	1.Y08481
VOFC 3080	8	10	3	29	22	1.Y08454	1.Y08482
VOFC 4080	8	10	4.5	30	23	1.Y08455	1.Y08483
VOFC 50100	8	10	6	43	36	1.Y08484	1.Y08485

VBC Serisi Vantuzlar Vacuum Cups VBC Series

Fonksiyonlar: Kaymaz, yağ geçirmez ve su geçirmez (Çoğunlukla otomobil sac metal, cam vb. Adsorpsiyonu için kullanılır)
Functions: anti-skid, oil-proof and water-proof (mostly used for adsorption of automobile sheet metal, glass, etc.)



F38G Female fitting G3/8"



M38G Male fitting G3/8"

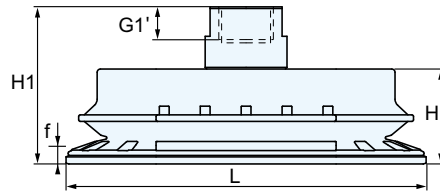
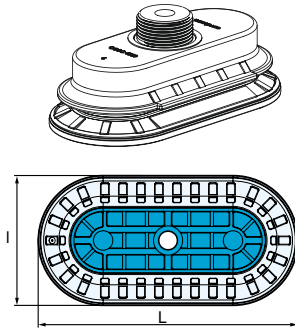
	ØA at rest	ØA gripping	(cm ³)	(N) ⁽¹⁾	(N) ⁽¹⁾	R _{min}	R _{min}	Ø bore	H1	f ⁽³⁾
VBC 22	21.5	22	1.6	17	17	25	30	6.3	32	6
VBC 30 ⁽²⁾	32	34	5	40	40	30	32	6.3	31	8
VBC 45	47	48.7	11.47	70	90	36	45	6.3	36	11
VBC 60	62	64.5	25.31	140	130	44	62	6.3	41	14
VBC 85	85	88	66.54	230	240	65	115	6.3	51	22
VBC 115	115	119	141.47	420	390	84	140	6.3	53	24



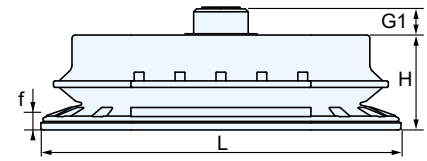
	G1	G1'	ØD(mm)	(g) F38G	(g) M38G	Stok K. (PN) F38G(İçten Dişli)	Stok K. (PN) M38G(Dıştan Diş.)
VBC 22	10	12.6	37	10	14	1.Y08456	1.Y08486
VBC 30 ⁽²⁾	10	12.6	37	14	19	1.Y08457	1.Y08487
VBC 45	10	12.6	37	22	26	1.Y08458	1.Y08488
VBC 60	10	12.6	39	32	37	1.Y08459	1.Y08489
VBC 85	10	12.6	41	64	69	1.Y08460	1.Y08490
VBC 115	10	12.6	55	103	107	1.Y08461	1.Y08491

VOBS Serisi Vantuzlar Vacuum Cups VOBC Series

Fonksiyonlar: Kaymaz, yağ geçirmez ve su geçirmez (Çoğunlukla otomobil sac metal, cam vb. Adsorpsiyonu için kullanılır)
Functions: anti-skid, oil-proof and water-proof (mostly used for adsorption of automobile sheet metal, glass, etc.)



F38G Female fitting G3/8"



M38G Male fitting G3/8"

	I x L at rest	I x L gripping	(cm ³)	(N) ⁽¹⁾	(N) ⁽¹⁾	R _{min}	R _{min}	Ø bore	H1	H
VOBC 3065	31x65	32.3x67	9.98	60	60	25	30	6	39	20
VOBC 4080	40x80	41.5x82	19.44	110	120	38	37	6	41	22
VOBC 55110	55x110	57x112.5	49.25	170	190	58	57	6	48	29
VOBC 70140	70x140	72x143	93.57	300	300	72	68	6	49	30

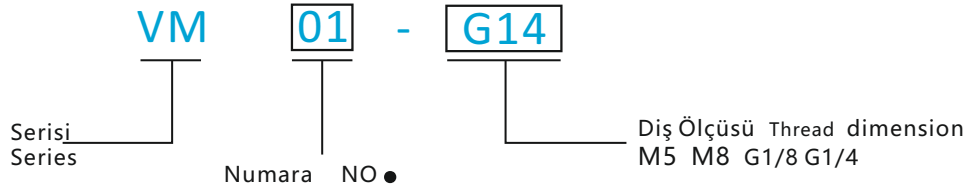


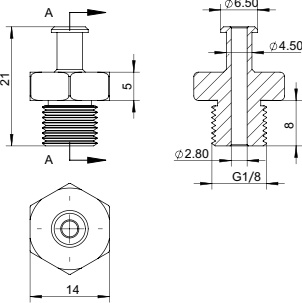
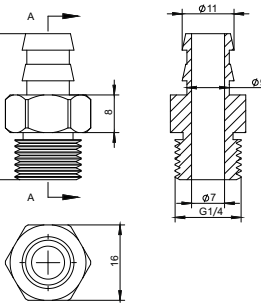
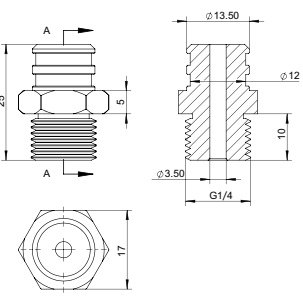
	G1	G1'	f ⁽²⁾	(g) F38G	(g) M38G	Stok K. (PN) F38G(İçten Dişli)	Stok K. (PN) M38G(Dıştan Diş.)
VOBC 3065	8	10	7	31	25	1.Y08462	1.Y08492
VOBC 4080	8	10	9	37	31	1.Y08463	1.Y08493
VOBC 55110	8	10	13	68	62	1.Y08464	1.Y08494
VOBC 70140	8	10	16	103	97	1.Y08465	1.Y08495

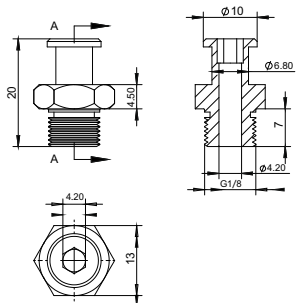
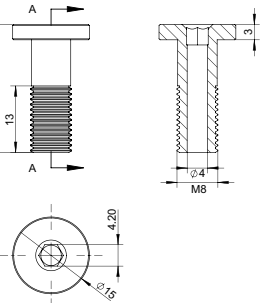
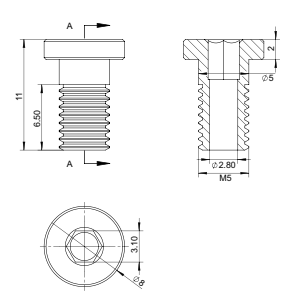
Vantuz Tutucu Nipeller Vacuum Cup Fitting

Model Seçim Metodları

Model representation methods



Vantuz Tutucu Nipeller Vacuum Cup Fitting			
Ölçüler Dimension			
Stok K.(PN)	7.Y00703	7.Y00709	7.Y00768
Model(Model)	VM02-G18	VM04-G14	VM06-G14
Ağırlık(Weight)	3.5g	7.0g	9.7g

Vantuz Tutucu Nipeller Vacuum Cup Fitting			
Ölçüler Dimension			
Stok K.(PN)	7.Y00767	1.Y05275	1.Y05274
Model(Model)	VM07-G18	VM08-M8	VM09-M5
Ağırlık(Weight)	3.3g	8.3g	1.4g

Profile
Profiler

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

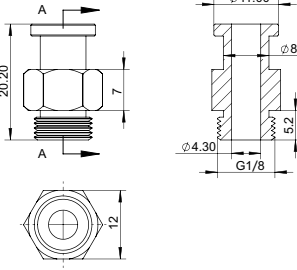
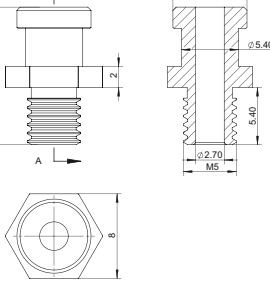
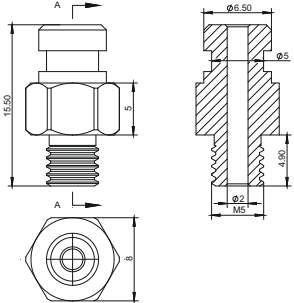
Grip Module
Tutucu Modüller

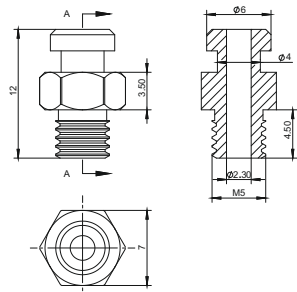
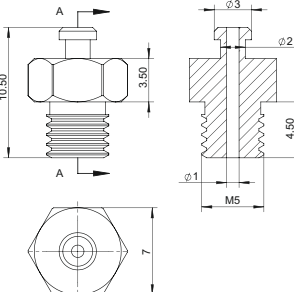
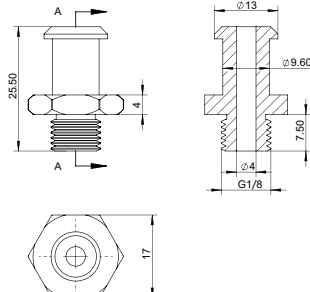
Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

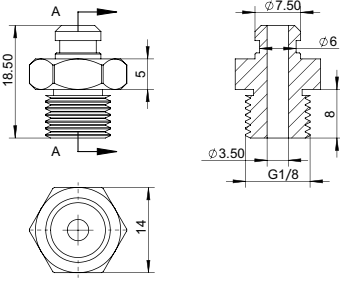
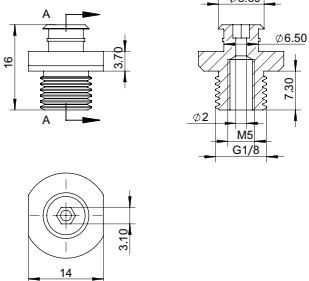
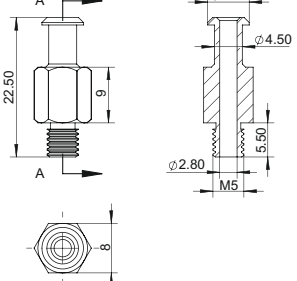
Accessory Components
Aksesuar Komponentleri

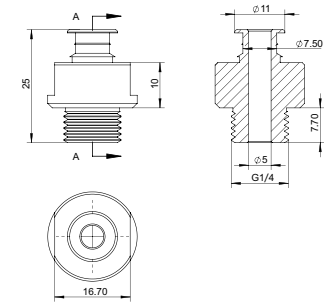
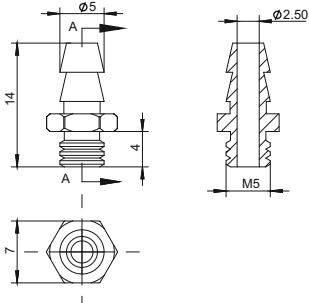
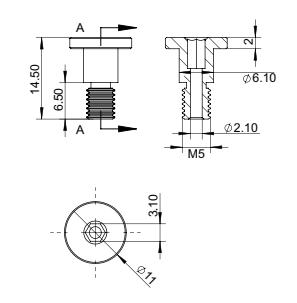
Vantuz Tutucu Nipeller Vacuum Cup Fitting

Vantuz Tutucu Nipeller Vacuum Cup Fitting			
Ölçüler Dimension			
Stok K.(PN)	7.Y00902	1.Y05327	7.Y00762
Model(Model)	VM10-G18	VM11-M5	VM12-M5
Ağırlık(Weight)	3.7g	2.0g	1.2g

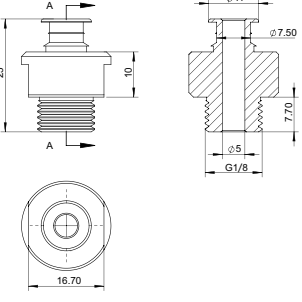
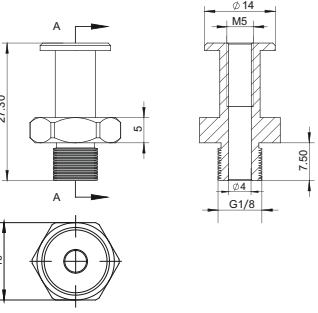
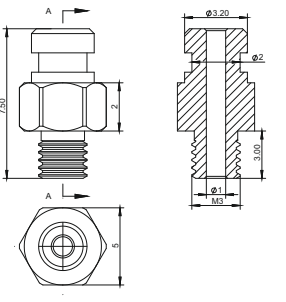
Vantuz Tutucu Nipeller Vacuum Cup Fitting			
Ölçüler Dimension			
Stok K.(PN)	7.Y00761	7.Y00760	7.Y00759
Model(Model)	VM13-M5	VM14-M5	VM15-G18
Ağırlık(Weight)	0.7g	0.5g	17.8g

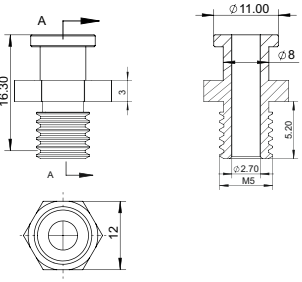
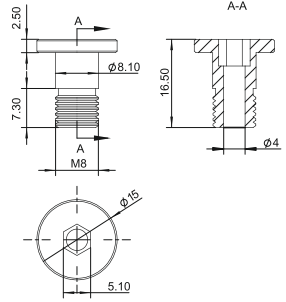
Vantuz Tutucu Nipeller Vacuum Cup Fitting

Vantuz Tutucu Nipeller Vacuum Cup Fitting			
Ölçüler Dimension			
Stok K.(PN)	7.Y00758	7.Y00757	1.Y05314
Model(Model)	VM16-G18	VM17-G18	VM18-M5
Ağırlık(Weight)	3.8g	2.9g	4.6g

Vantuz Tutucu Nipeller Vacuum Cup Fitting			
Ölçüler Dimension			
Stok K.(PN)	4.Y00058	1.Y01986	1.Y05790
Model(Model)	VM20-G14	VM21-M5	VM22-M5
Ağırlık(Weight)	9.5g	1.8g	2.9g

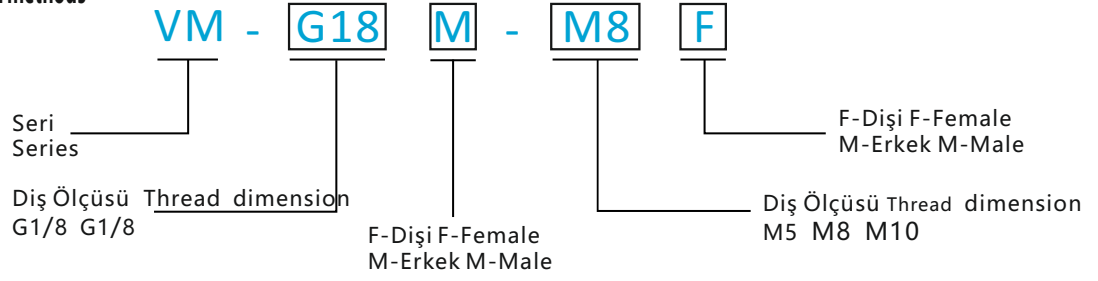
Vantuz Tutucu Nipeller Vacuum Cup Fitting

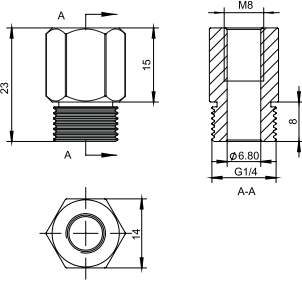
Vantuz Tutucu Nipeller Vacuum Cup Fitting			
Ölçüler Dimension			
Stok K.(PN)	7.Y00900	7.Y00898	7.Y00928
Model(Model)	VM23-G18	VM24-G18	VM25-M3
Ağırlık(Weight)	8.9g	5.5g	0.2g

Vantuz Tutucu Nipeller Vacuum Cup Fitting			
Ölçüler Dimension			
Stok K.(PN)	1.Y01097	7.Y00475	
Model(Model)	VM27-M5	VM28-M8	
Ağırlık(Weight)	6.2g	1.9g	

Model Seçim Metodları

Model representation methods



Vantuz Bağlantı Parçası Vacuum Cup Connector			
Ölçüler Dimension			
Stok K.(PN)	7.Y00476		
Model(Model)	VM-G14M-M8F		
Ağırlık(Weight)	6.7g		

Model Seçim Metodları

Model representation methods

VFE

T

1011

M5

Seri
Series
Silindirik Tip
Non Cylindrical type
T Dişli Tip
Thread type

Vantuz Nipel Diş Tipi
Vacuum Cup Fitting hole for fastening
M5 G1/8

Kurulum + Strok
Installation+stroke



VFE



VFR



VFN



VFET



VFRT



VFNT

Manipülâtör hareket ettiğinde, bu süspansiyonlar vantuzun konumunu korumak için kullanılabilir. CRG, plastik uygulamalar için çok çeşitli benzersiz tasarımlar sunar. Genellikle sabit bir braketle aparata monte edilirler.

The suspensions (or buffers, or level compensators) are used to keep the suction cups in position as the robot approaches.

Düz Gövdeli Süspansiyonlar

Suspensions with smooth body

CRG offers specially designed for Plastics applications.

VFR

VFN

VFE

They are typically mounted on EAOTs (End Of Arm Toolings) with Mounting brackets.



Dönmez Gövdeli Süspansiyonlar

Non-rotative suspensions

VFN

VFNT

VFE

VFET



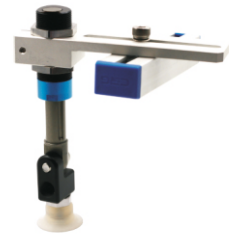
Dişli Gövdeli Süspansiyonlar

Suspensions with threaded body

VFRT

VFNT

VFET



Döner Gövdeli Süspansiyonlar

Rotative suspensions

VFR

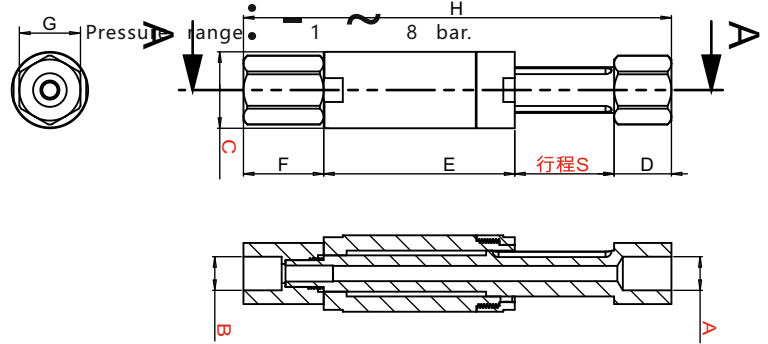
VFRT



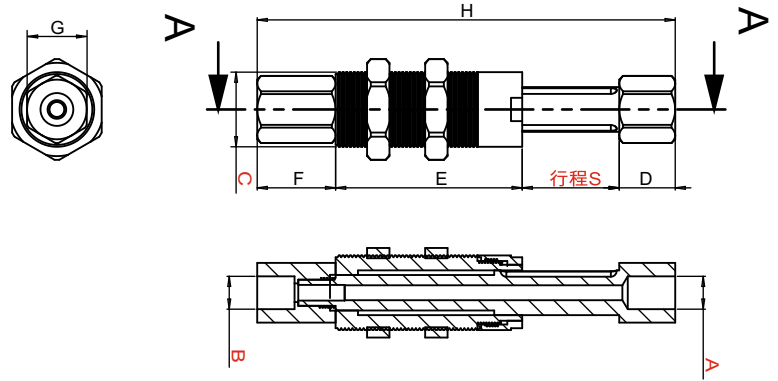
Dönmez Gövdeli Süspansiyonlar Non-rotative Suspensions

Ana gövde ve parçalar yüksek sertlikte alüminyumdan yapılmıştır. Body and rod in anodized aluminum.
Yüksek yük kapasiteli dönmeyen gövdeli.
Basınç aralığı: -1 ~ 8 bar.

Non-rotative rod with high load capability.



Stok K.(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	S(mm)	Weight(g)
8.Y00064	VFNT1011-M5	M5	M5	Ø10	10	22	17	8	60	11	7g
8.Y00321	VFNT1021-M5	M5	M5	Ø10	10	41	17	8	89	21	11g
8.Y00065	VFNT1421-G18	G1/8	G1/8	Ø14	12	40	20	12	93	21	24g
8.Y00322	VFNT1436-G18	G1/8	G1/8	Ø14	12	60	20	12	128	36	44g
8.Y00066	VFNT2026-G18	G1/8	G1/8	Ø20	15	50	21	16	112	26	54g
8.Y00067	VFNT2051-G18	G1/8	G1/8	Ø20	15	84	21	16	171	51	80g



Stok K.(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	S(mm)	Weight(g)
8.Y00068	VFNT1011-M5	M5	M5	M10*1	10	22	17	8	60	11	12g
8.Y00323	VFNT1021-M5	M5	M5	M10*1	10	41	17	8	89	21	39g
8.Y00204	VFNT1421-G18	G1/8	G1/8	M14*1	12	40	20	12	93	21	51g
8.Y00383	VFNT1621-G18	G1/8	G1/8	M16*1	12	40	20	12	93	21	64g
8.Y00324	VFNT1436-G18	G1/8	G1/8	M14*1	12	60	20	12	128	36	72g
8.Y00384	VFNT1636-G18	G1/8	G1/8	M16*1	12	60	20	12	128	36	76g
8.Y00205	VFNT2026-G18	G1/8	G1/8	M20*1	15	50	21	16	112	26	82g
8.Y00206	VFNT2051-G18	G1/8	G1/8	M20*1	15	84	21	16	171	51	120g

Profile, SUS Tube

Stents Module

Quick Changer

Grip Module

Air Nipper

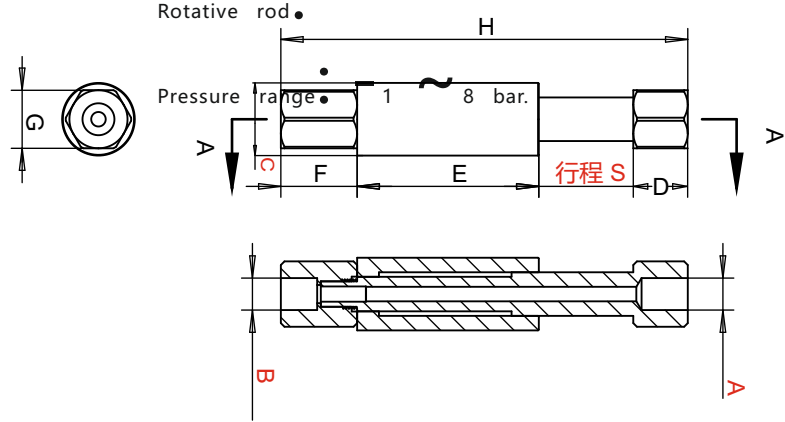
Vacuum Module

Accessory Components

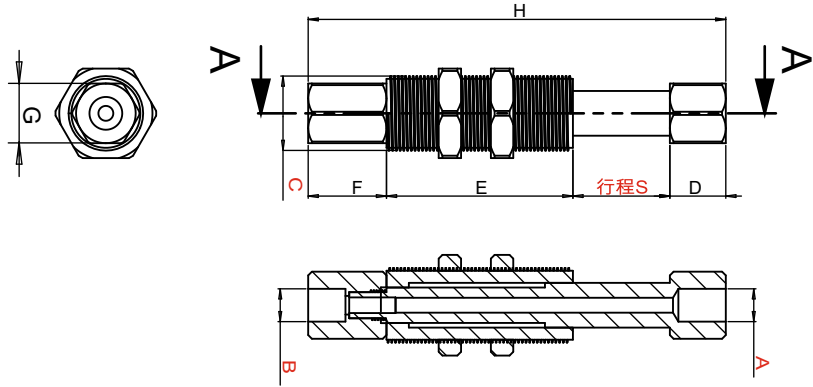
Döner Gövdeli Süspansiyonlar Rotative Suspensions

Ana gövde ve parçalar yüksek sertlikte alüminyumdan yapılmıştır. Döner Gövdeli.
Basınç aralığı: -1 ~ 8 bar. .

Body and rod in anodized aluminum.



Stok K.(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	S(mm)	Weight(g)
8.Y00060	VFR1011-M5	M5	M5	Ø10	3	22	17	8	53	11	11g
8.Y00325	VFR1021-M5	M5	M5	Ø10	3	41	17	8	82	21	17g
8.Y00061	VFR1421-G18	G1/8	G1/8	Ø14	12	40	20	12	93	21	23g
8.Y00326	VFR1436-G18	G1/8	G1/8	Ø14	12	60	20	12	128	36	40g
8.Y00062	VFR2026-G18	G1/8	G1/8	Ø20	15	50	21	16	112	26	50g
8.Y00063	VFR2051-G18	G1/8	G1/8	Ø20	15	84	21	16	171	51	77g

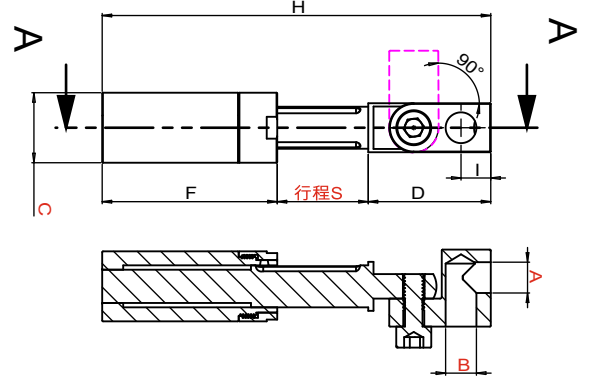
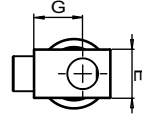


Stok K.(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	S(mm)	Weight(g)
8.Y00074	VFRT1011-M5	M5	M5	M10*1	3	22	17	8	53	11	14g
8.Y00327	VFRT1021-M5	M5	M5	M10*1	3	41	17	8	82	21	26g
8.Y00075	VFRT1421-G18	G1/8	G1/8	M14*1	12	40	20	12	93	21	32g
8.Y00381	VFRT1621-G18	G1/8	G1/8	M16*1	12	40	20	12	93	21	36g
8.Y00328	VFRT1436-G18	G1/8	G1/8	M14*1	12	60	20	12	128	36	60g
8.Y00382	VFRT1636-G18	G1/8	G1/8	M16*1	12	60	20	12	128	36	65g
8.Y00076	VFRT2026-G18	G1/8	G1/8	M20*1	15	50	21	16	112	26	70g
8.Y00077	VFRT2051-G18	G1/8	G1/8	M20*1	15	84	21	16	171	51	104g

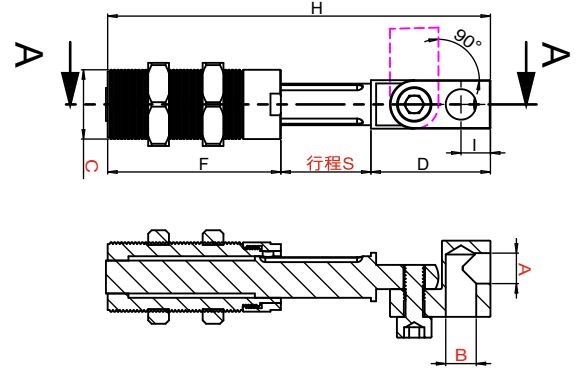
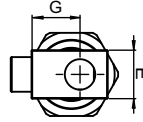
Dönmeyen Gövdeli Açılı Süspansiyon Non-rotative Suspensions With Integral Elbow Arms

Açı 0° ve 90° Arasında Ayarlanabilir.
Harici Hava Beslemesi
Gövde ve Parçalar Yüksek Sertlikte Alüm. Yapılmıştır.
Yüksek yük kapasiteli dönmeyen gövdeli.
Basınç aralığı: -1 ~ 8 bar..

It is possible to set continuously the angle between 0° and +/-90°.
External air feeding.
Body and rod in anodized aluminum.
Non-rotative rod with high load capability.
Pressure range: -1 ~ 8 bar.



Stok K.(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	S(mm)	Weight(g)
8.Y00070	VFE1011-M5	M5	M5	Ø10	20	8	22	8	53	11	12g
8.Y00371	VFE1021-M5	M5	M5	Ø10	20	8	41	8	81	21	16g
8.Y00071	VFE1421-G18	G1/8	G1/8	Ø14	32	14	40	14	93	21	45g
8.Y00372	VFE1436-G18	G1/8	G1/8	Ø14	32	14	60	14	128	36	48g
8.Y00072	VFE2026-G18	G1/8	G1/8	Ø20	35	14	50	14	111	26	70g
8.Y00073	VFE2051-G18	G1/8	G1/8	Ø20	35	14	84	14	169.5	51	105g

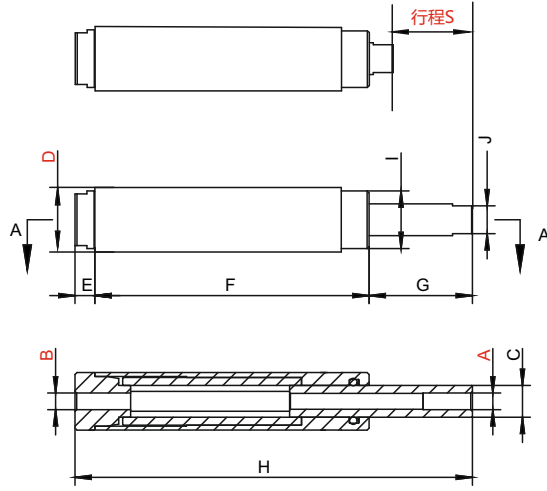


Stok K.(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	S(mm)	Weight(g)
8.Y00069	VFET1011-M5	M5	M5	M10*1	20	8	22	8	53	11	15g
8.Y00374	VFET1021-M5	M5	M5	M10*1	20	8	41	8	81	21	24g
8.Y00228	VFET1421-G18	G1/8	G1/8	M14*1	32	14	40	14	93	21	57g
8.Y00379	VFET1621-G18	G1/8	G1/8	M16*1	32	14	40	14	93	21	64g
8.Y00375	VFET1436-G18	G1/8	G1/8	M14*1	32	14	60	14	128	36	80g
8.Y00380	VFET1636-G18	G1/8	G1/8	M16*1	32	14	60	14	128	36	85g
8.Y00229	VFET2026-G18	G1/8	G1/8	M20*1	35	14	50	14	111	26	88g
8.Y00230	VFET2051-G18	G1/8	G1/8	M20*1	35	14	84	14	169.5	51	125g

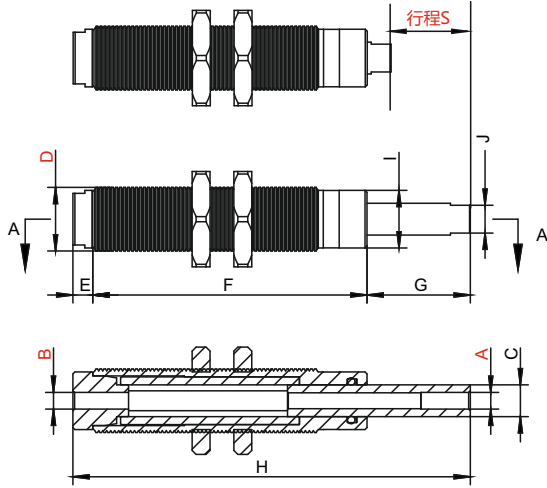
Dönmeyen Gövdeli Sabit Borulu Süspansiyon Non-rotating suspension for fixed piping

Ürün eloksallı alüminyumdan yapılmıştır.
Yerleşik dönme önleyici plastik piston.
Dahili teleskopik fonksiyon yay dönüşü.
Arkada sabit vakum hava girişi tasarımı.

The product is made of anodic aluminium.
Built-in anti-rotation plastic piston.
Built-in telescopic function of spring reset,
tail vacuum intake fixed design.



Stok K.(PN) Model(Model)	A	B	C	D	E	F	G	H	I	J	S	Weight(g)
8.Y00313 VFC2030-G18	G1/8	G1/8	Φ13	Φ20	8	85	40	133	Φ18	12	30	60



Stok K.(PN) Model(Model)	A	B	C	D	E	F	G	H	I	J	S	Weight(g)
8.Y00277 VFCT1620-M5	M5	M5	Φ8	M16X1.0	5	69	26	100	Φ14.5	7	20	42.7
8.Y00314 VFCT2030-G18	G1/8	G1/8	Φ13	M20X1.0	8	85	40	133	Φ18	12	30	80

Profile
Profiler

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

Air Nipper
Havali Kesiciler

Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Pnömatik Hareket Edebilir Tutucu The Adsorption Of Pneumatic Fittings

Profile, SUS Tube
Profilier

Stents Module
Bağlantı Modülleri

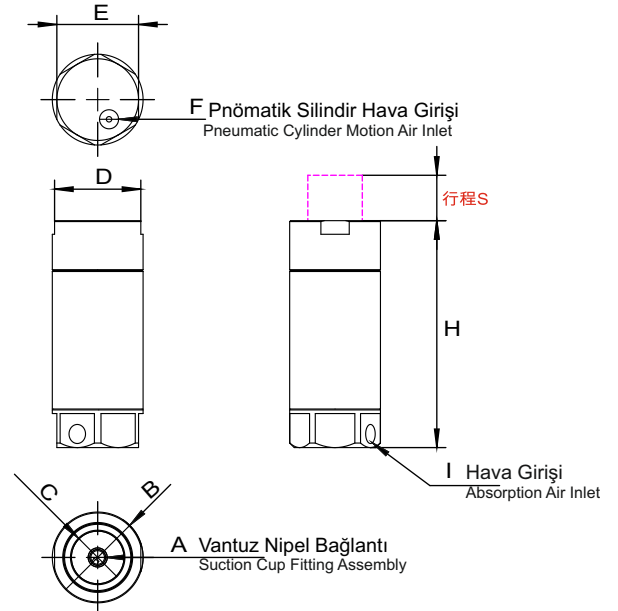
Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havali Kesiciler

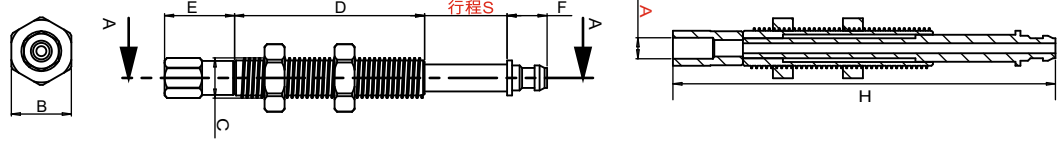
Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri



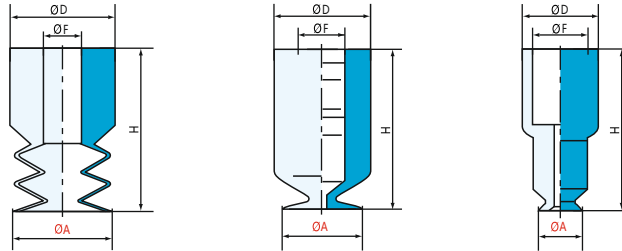
Stok K.(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	H(mm)	I(mm)	S(mm)	Weight(g)
8.Y00207	VFG20-10	M5	Φ20	Φ12	19	18	M5	50	M5	10	35g
8.Y00337	VFG20-20	M5	Φ20	Φ12	19	18	M5	65	M5	20	45g
8.Y00338	VFG30-20	G1/8	Φ30	Φ20	27	27	G1/8	72	G1/8	20	70g

Vantuz Metal Bağlantı Parçaları Suction Stems



Stok K.(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	H(mm)	S(mm)	Weight(g)
1.Y05764	VFRT-7M5	M5	12	M8*1	21.5	14	8	51	7	15g
1.Y05765	VFRT-15M5	M5	12	M8*1	38	14	8	80	20	21g
1.Y05766	VFRT-30M5	M5	12	M8*1	38	14	8	90	30	22g

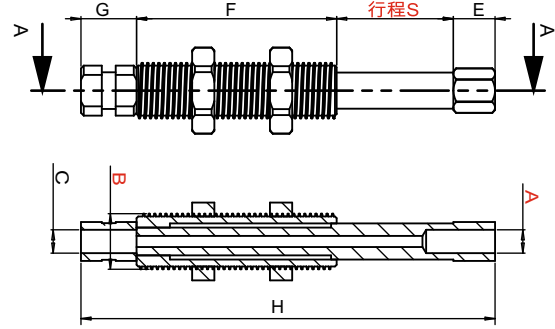
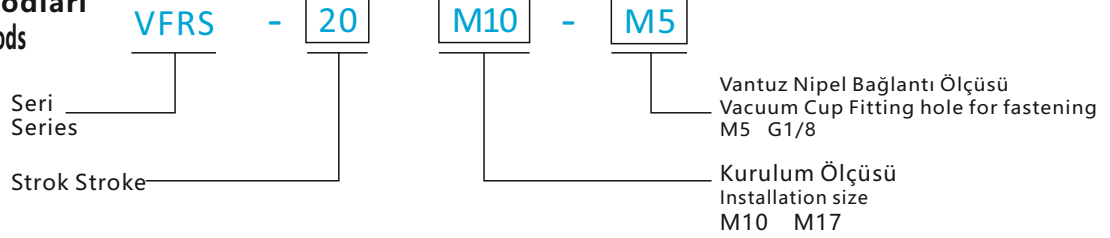
VFRT Serisi Vantuzlar Vacuum Cups VFRT Series



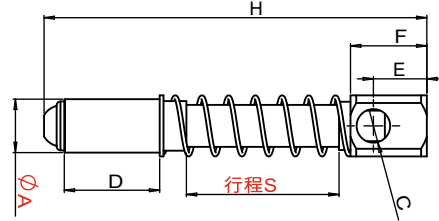
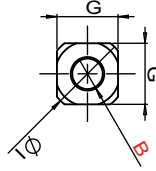
	ØA(mm)	H(mm)	ØD(mm)	ØF(mm)	SI(Şeffaf)
VSR-S2	2	12	7	5	1.Y00435
VSR-S4	4	14	7	5	1.Y00436
VSR-S6	6	12	7	5	1.Y03350
VSR-S8	8	12	7	5	1.Y00442
VSR3-S5	5	14	7	4	1.Y04179
VSR3-S7	7	14	7	4	1.Y04444

Vantuz Metal Bağlantı Parçaları Suction Stems

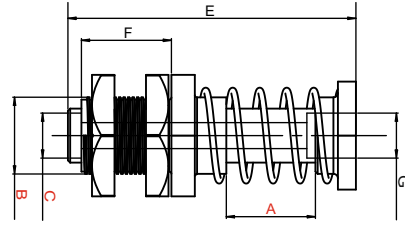
Model Seçim Metodları Model representation methods



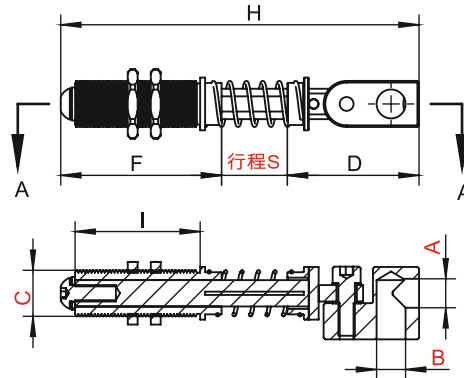
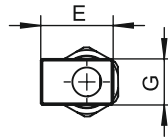
Stok K.(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	S(mm)	Weight(g)
4.Y00026	VFRS-20M10-M5	M5	M10*1	M5	14	7	36	10	73.5	20	27g
4.Y00023	VFRS-20M16-G18	G1/8	M16*1	G1/8	21	4	36	15	77	20	76g



Stok K.(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	S(mm)	Weight(g)
1.Y01452	VFM-4014-G18	Ø14	G1/8	G1/8	25	14	20	16	100	Ø20	40	48g
1.Y01451	VFM-2020-G14	Ø20	G1/4	G1/8	48	15	26	22	113	Ø27	20	136g



Stok K.(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	Weight(g)
1.Y01453	VFL-20M17-G18	20	M17*1	G1/8	27	64	20	G1/8	119g

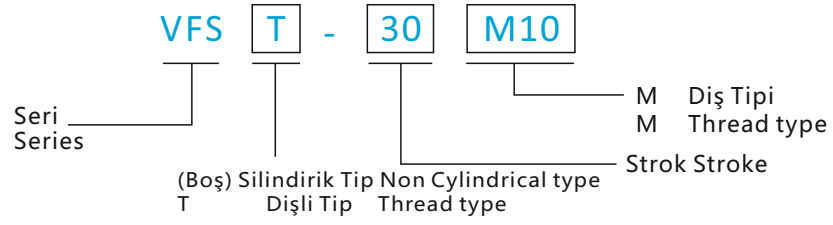


Stok K.(PN)	Model(Model)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	S(mm)	Weight(g)
8.Y00319	VFMT-20M14-G18	G1/8	G1/8	M14X1.0	40	22	49	14	109	38	20	97g
8.Y00320	VFMT-40M14-G18	G1/8	G1/8	M14X1.0	40	22	64	14	144	50	40	123g

Vantuz Metal Bağlantı Parçaları Suction Stems

Model Seçim Metodları

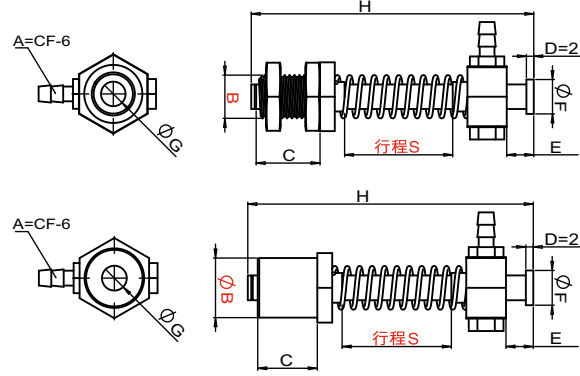
Model representation methods



VFST



VFS



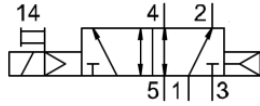
Stok K.(PN)	Model(Model)	B(mm)	C(mm)	E(mm)	F(mm)	G(mm)	H(mm)	S(mm)	Weight(g)
8.Y00283	VFST-5M10	M10*1	18	5.5	Ø7	Ø3.4	40.5	5	14g
8.Y00284	VFST-10M10	M10*1	18	5.5	Ø7	Ø3.4	45.5	10	15g
8.Y00285	VFST-20M10	M10*1	18	5.5	Ø7	Ø3.4	55.5	20	15g
8.Y00286	VFST-30M10	M10*1	18	5.5	Ø7	Ø3.4	68.5	30	16g
8.Y00287	VFS-0508	Ø8	18	5.5	Ø7	Ø3.4	40.5	5	9g
8.Y00288	VFS-0512	Ø12	18	5.5	Ø7	Ø3.4	49	5	13g
8.Y00289	VFS-1008	Ø8	18	5.5	Ø7	Ø3.4	45.5	10	9g
8.Y00007	VFS-1012	Ø12	18	5.5	Ø7	Ø3.4	45.5	10	14g
8.Y00290	VFS-2008	Ø8	18	5.5	Ø7	Ø3.4	55.5	20	10g
8.Y00008	VFS-2012	Ø12	18	5.5	Ø7	Ø3.4	55.5	20	14g
8.Y00291	VFS-3008	Ø8	18	5.5	Ø7	Ø3.4	65.5	30	11g
8.Y00292	VFS-3012	Ø12	18	5.5	Ø7	Ø3.4	65.5	30	15g
8.Y00293	VFMT-5M12	M12*1	18	9	Ø11	Ø4.6	44	5	20g
8.Y00294	VFMT-10M12	M12*1	18	9	Ø11	Ø4.6	49	10	21g
8.Y00295	VFMT-20M12	M12*1	18	9	Ø11	Ø4.6	59	20	22g
8.Y00296	VFMT-30M12	M12*1	18	9	Ø11	Ø4.6	69	30	24g
8.Y00297	VFM-0512	Ø12	18	9	Ø11	Ø4.6	44	5	15g
8.Y00298	VFM-0520	Ø20	18	9	Ø11	Ø4.6	44	5	29g
8.Y00299	VFM-1012	Ø12	18	9	Ø11	Ø4.6	49	10	16g
8.Y00300	VFM-1020	Ø20	18	9	Ø11	Ø4.6	49	10	29g
8.Y00301	VFM-2012	Ø12	18	9	Ø11	Ø4.6	59	20	18g
8.Y00302	VFM-2020	Ø20	18	9	Ø11	Ø4.6	59	20	31g
8.Y00303	VFM-3012	Ø12	18	9	Ø11	Ø4.6	69	30	19g
8.Y00304	VFM-3020	Ø20	18	9	Ø11	Ø4.6	69	30	32g

VUVG-LK Serisi Solenoid Valf Solenoid Valve VUVG-LK

NEW

Tek Sıralı Valf VUVG-LK,24VDC, Dahili pilot, 5 m kablolu bağlantı kutusu H2

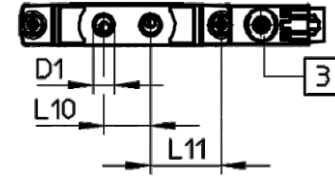
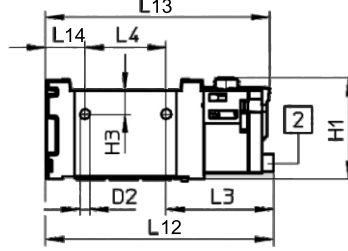
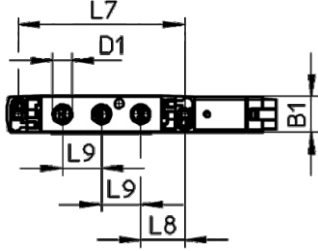
Single pipe valve VUVG-LK,24VDC, Inner leader H2 Junction box with 0.5m cable



M52, 2Poz. 5 Yollu,
Tek Elektronik Kontrol
M52 Two-position five-way
single electronic control air reset

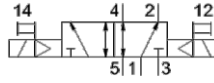


accessory
seal a pack of ten



2 Yatay elektrik arayüzü 3 Manual Buton
2 horizontal electrical interface 3 manual button

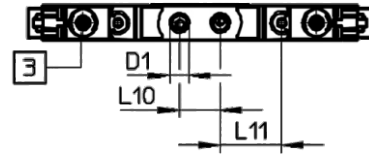
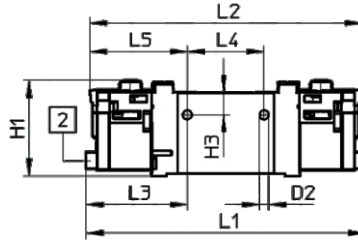
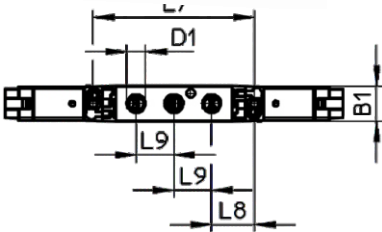
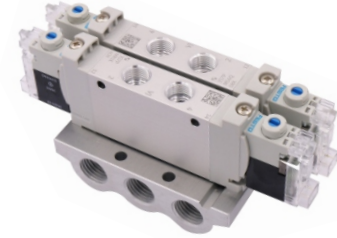
Stok Kç(PN)	Model(Model)	B1	D2	H1	H3	L3	L4	L7	L8	L9	L10	L11	L12	L13	L14	Akış P. (l/min)
1.Y06040	VUVG-LK14-M52-AT-G18-1H2L-S	14.4	3.3	34.8	3.2	40.1	37	66.5	18.4	14.9	17	24.8	95.6	94.4	17.7	660



B52, 2 Poz. Çift Elek. Kontrol
B52 Two-position double
electronic control

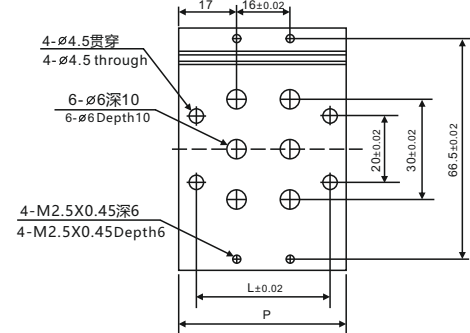
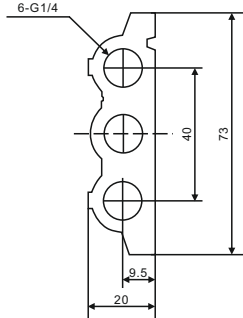


accessory
seal a pack of ten



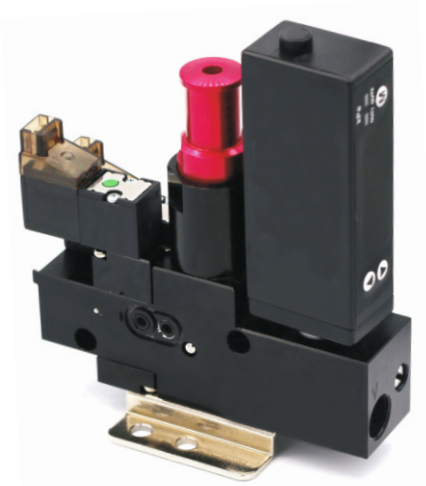
2 Yatay elektrik arayüzü 3 Manual Buton
2 horizontal electrical interface 3 manual button

Stok K.(PN)	Model(Model)	B1	D2	H1	H3	L1	L2	L3	L4	L5	L7	L8	L9	L10	L11	流量参数 (l/min)
1.Y06288	VUVG-LK14-B52-T-G18-1H2L-W1-S	14.4	3.3	34.8	3.2	118.9	116.4	40.1	37	39.7	66.5	18.4	14.9	17	24.8	660



Stok K.(PN)	1.Y06289	1.Y06290	1.Y06291	1.Y06292	1.Y06293	1.Y06294	1.Y06042	1.Y07453	1.Y06295
Model(Model)	VUVG1/8-LK-2F	VUVG1/8-LK-3F	VUVG1/8-LK-4F	VUVG1/8-LK-5F	VUVG1/8-LK-6F	VUVG1/8-LK-7F	VUVG1/8-LK-8F	VUVG1/8-LK-9F	VUVG1/8-LK-10F
(Row)	2	3	4	5	6	7	8	9	10
L	40	56	72	88	104	120	136	152	168
P	50	66	82	98	114	130	146	162	178

Stok K.(PN)	1.Y09872	1.Y09873	1.Y09874	1.Y09875	1.Y09876	1.Y09877	1.Y09878	1.Y09879	1.Y09880	1.Y09881
Model(Model)	VUVG1/8-LK-11F	VUVG1/8-LK-12F	VUVG1/8-LK-13F	VUVG1/8-LK-14F	VUVG1/8-LK-15F	VUVG1/8-LK-16F	VUVG1/8-LK-17F	VUVG1/8-LK-18F	VUVG1/8-LK-19F	VUVG1/8-LK-20F
(Row)	11	12	13	14	15	16	17	18	19	20
L	184	200	216	232	248	264	280	296	312	328
P	194	210	226	242	258	274	290	306	322	338



Temel Bilgiler Basic data

Item	İçeri Content
Gövde Ölçüsü [mm] Body size	80 × 20 × 87
Çalışma Sıcaklığı [°C] Working temperature	
Ağırlık [g] Net weight	-5 ~ 50
Güç Bilgileri Power consumption	228

24VDC, 1.3W

Stok K.(PN)	1.Y05963
Model(Model)	VPN-20

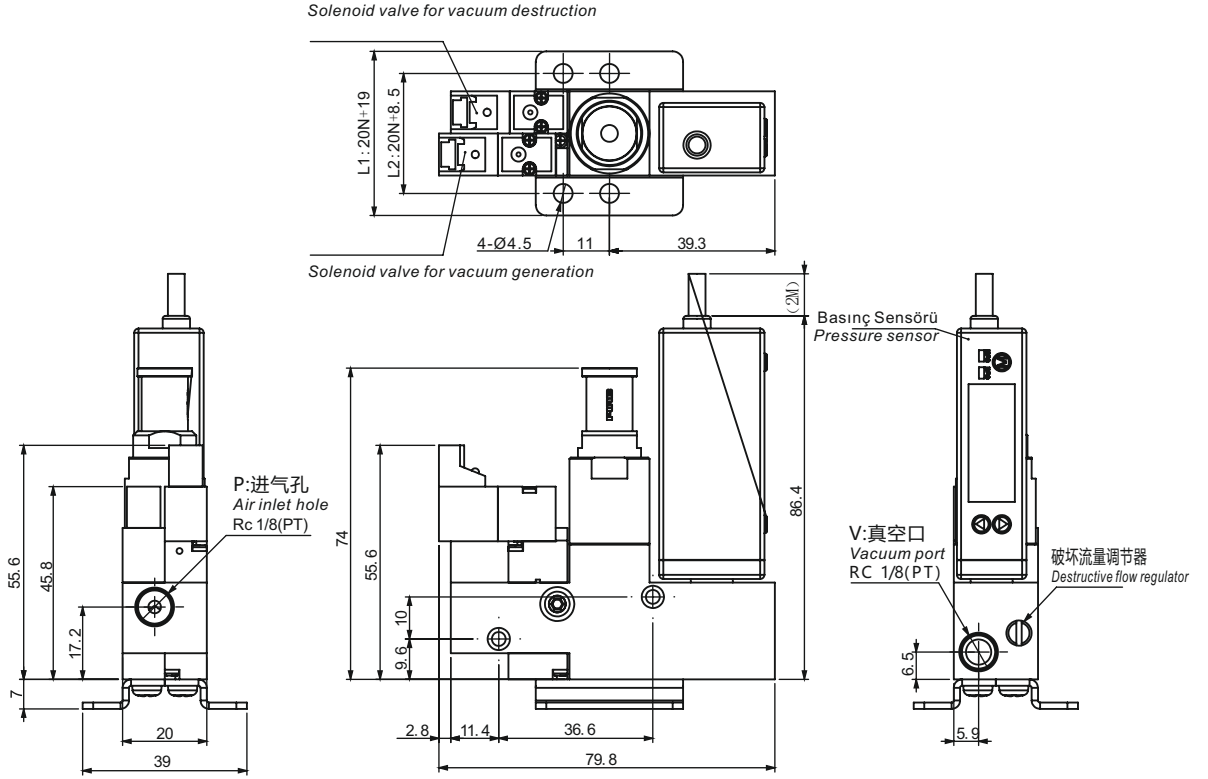
- Çok kademeli vakum jeneratörlerinin kullanılması, yüksek vakum ve düşük hava tüketimi özelliklerine sahiptir.
The use of multistage vacuum generator has the characteristics of high vacuum and low consumption.
- Vakum oluşumunu ve vakum kesmeyi kontrol etmek için minyatür bir solenoid valf kullanılır.
Miniature solenoid valve is adopted to control vacuum establishment and vacuum removal.
- 20 mm genişlik tasarımı, çoklu bağlantılı vakum kombinasyonu, uygun garanti ve daha küçük hacim olabilir.
20mm width design for multi vacuum combination, convenient warranty, smaller size.

Teknik Veri Technical data

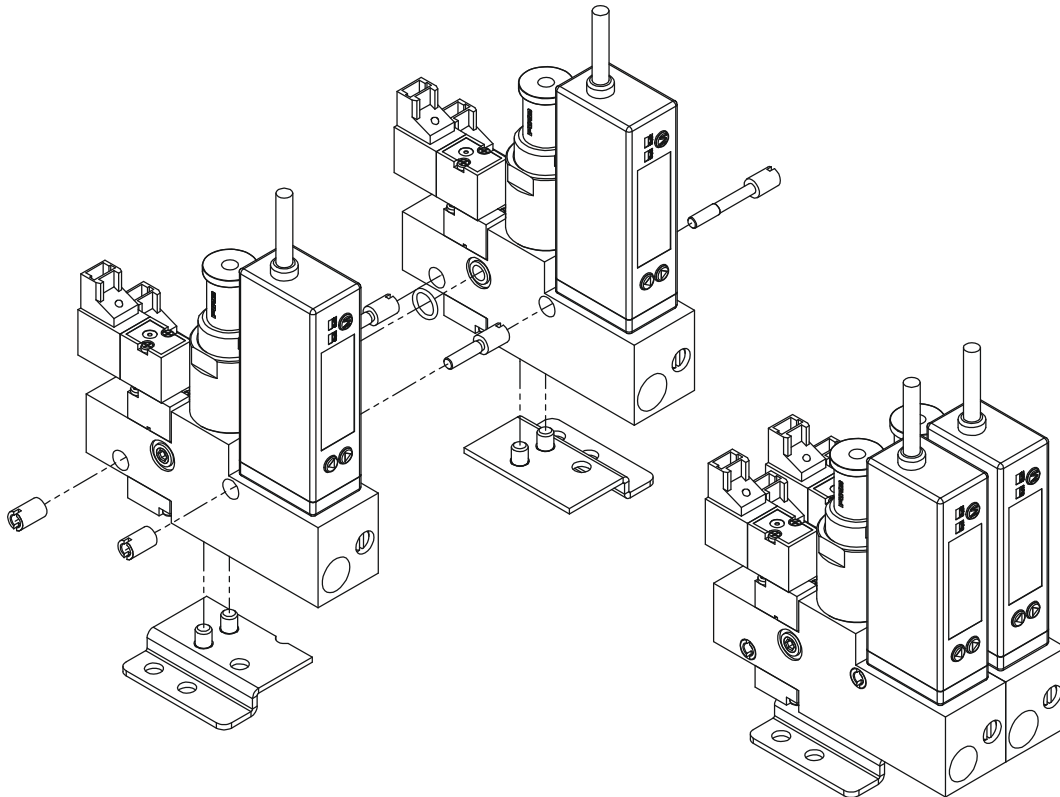
Item	Yüksek Vakum Tipi High vacuum type		
Çalışma Hava Basıncı [Mpa] Working gas pressure	0.35	0.4	0.5
Maksimum Vakum [-kpa] Maximum vacuum	84	88	88
Max. Vakum Akışı [L/min] Maximum vacuum flow	39.6	40.2	40.2
Hava Tüketimi [L/min] Air consumption	28.4	31.8	34.2

VPN-20 Serisi Vantuz Modülü Vacuum Module VPN-20 Series

Boyut Açıklaması / Dimension description

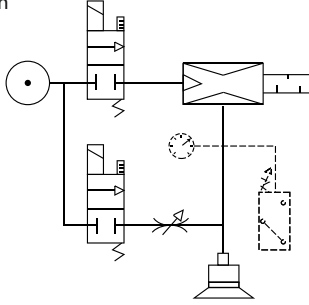


(N)	1	2	3	4	5	6	7	8	9	10
L1	39.0	59.0	79.0	99.0	119.0	139.0	159.0	179.0	199.0	219.0
L2	28.5	48.5	68.5	88.5	108.5	128.5	148.5	168.5	188.5	200.5



Avantajları Advantages

- Dahili vakum valfi ve üfleme kontrolü
- Tüm seri ürünlere uygulanabilir
- Seri ürünlerin kontrol edilebilirliğini optimize eder
- Kablolamayı ve kullanım kolaylığını azaltır
- Modüler tasarım
- Hafif yapı
- Tıkanmaz Silindir Tipi
- Susturuculu
- Integrated electric vacuum and blow-off control
- Can be adapted to all branches
- Optimized performance for handling all types of objects
- Reduced wiring and easy-to-use
- Modular design thanks to the different options
- Light and compact
- No clogging thanks to the through type silencer
- Silent operation



Karakteristik Characteristics

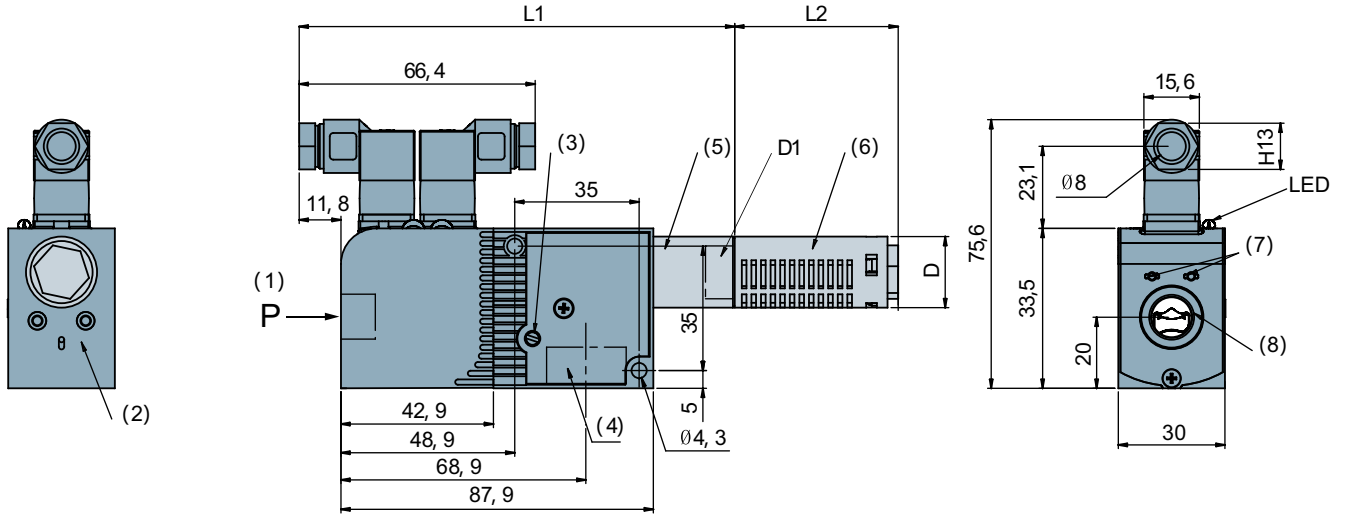
Stok K. (PN)	Model (Model)	Meme Çapı Ø Nozzle(mm)	Hava Tüketimi Air consumed (Nl/min)	Max. Vakum Max. vacuum(%)			Hava Girişi Air drawn in(Nl/min)		
				X	T	N	X	T	N
1.Y05964	VPD-12	1.2	67	40	75	90	150	63	45
1.Y05965	VPD-15	1.5	100	50	75	90	180	95	70
1.Y05966	VPD-20	2	180	50	75	90	250	160	125

Standart olarak, N ve T versiyonları susturucu S ile ve versiyon X susturuculu olarak teslim edilir. K. Tek istisna, VPD 30 susturucu K ile donatılmıştır. As standard, versions N and T are delivered with silencer S and version X with silencer K. Only exception, the VPD 30 is fitted with silencer K.

Teknik Özellikler Specifications

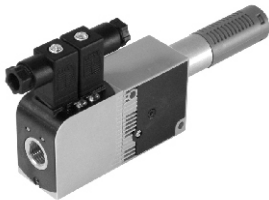
Supply	Non-lubricated filtered air, 2 to 6 bar
Optimum pressure	4 bar
Voltage	24V DC
Power	0.7 W
Material	POM - 2017A - Cu Zn - PA6 15% FG
Temperature	0 to 60°C / 32 to 140°F
Number of valve operations	1千万次 10 million
Operating frequency	Maximum 2 Hz
功能 Function	N.C. (N.O. on request)

Ölçüler Dimensions



- (1) 4 Bar Basıncılı Hava Tankı
4 bar compressed air tank
- (2) Vakum Anahtarı Montaj Deliği
Vacuum switch option mounting zone
- (3) Üfleme Kontrolü
Blow-off adjustment
- (4) Vakum 1/2 Gaz
Vacuum 1/2 Gas
- (5) Egzos
Exhaust
- (6) S veya K tipi susturucu
Silencer model S or K
- (7) Manual Kontrol
Manual controls
- (8) 1/4Gaz
1/4 Gas

货号 (PN)	型号 (Model)	L1 (mm)		L2 (mm)			D (mm)		D1 (gas)	
		X	N/T	S(N/T)	K(N/T)	K(X)	X	N/T	X	N/T
1.Y05964	VPD-12	118	123	46	68	121	30	20	1/2	1/4
1.Y05965	VPD-15	118	133	46	68	121	30	20	1/2	1/4
1.Y05966	VPD-20	118	118	62	121	121	30	30	1/2	1/2

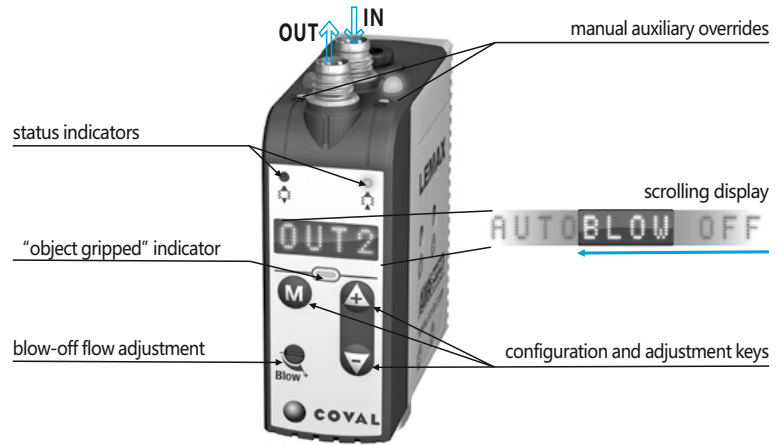


Smart communication

The adjacent illustration presents the display panel which enables:

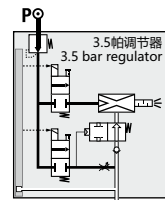
- Initial settings
- Any adjustments
- Production monitoring
- Maintenance

In particular, the "no ASC" alert, helps to start maintenance operations in order to return to "ASC" operation, which is especially energy saving.

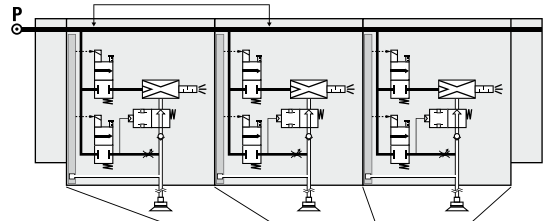


Selection guide

Network pressure: 4 to 8 bar



common pressure unit



Stand-alone or island modules?

Stand-alone modules are suitable for the most common applications: one module controls one or more suction pads which all operate according to the same sequence.

When several suction pads are operating according to different sequences, multiple modules are required, which can be:

- several autonomous modules, OR
- a group of these modules with an internal common pressure unit.

The illustrations opposite guide the selection:

- autonomous modules are coupled with integrated pressure regulators (see p. 9/8)

真空发生器喷嘴口径决定其功率大小，口径越大，功率越大，耗气量越多。选择时，应根据抓取工件的大小和重量，选择合适的口径。当系统关闭时，大口径喷嘴耗气量会减少。当系统工作时，大口径喷嘴耗气量会增加。当系统关闭时，小口径喷嘴耗气量不会减少。当系统工作时，小口径喷嘴耗气量会增加。

结论：
"ASC" 系统工作时，大口径喷嘴抓取更快且耗气不会增加。
"ASC" 系统关闭时，小口径喷嘴耗气不会减少。

Power determined by the venturi nozzle diameter
The table shows the power levels generated by each of the nozzle diameters available: when the module is operating "ASC" off, a larger nozzle draws and consumes more compressed air.

On the other hand, during "ASC" operation, a large nozzle quickly reaches the vacuum threshold generating power shut-off.

In conclusion:

- A large nozzle enables quicker gripping without consuming more during "ASC" operation.
- A small nozzle does not consume less when operating with "ASC" off.

单模块 stand-alone module

P optimal = 4 bar

工作气压在4到8帕 (operation at 4-8 bar)

三联组合模块根据不同的动作指令，给吸盘供气。
island of 3 modules supplying suction pads according to different sequences

Stok K(PN)	Model(Model)
1.Y05969	LEMAX90X14S
1.Y05970	LCPX90X14SL15PQ1

Selecting the nozzle diameter

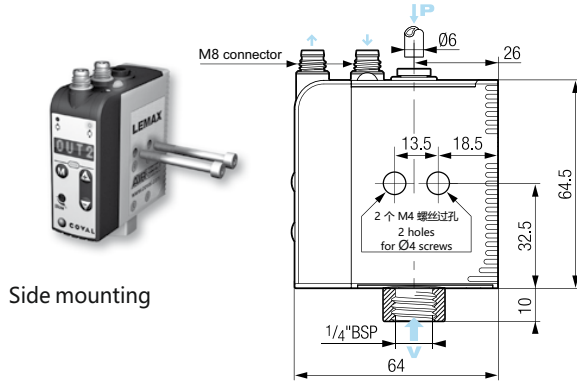
nozzle	Venturi characteristics during "ASC" off operation		"ASC" operation gripping at 65% vacuum vacuum shutoff at 75% Time for a volume of 1L		
	air drawn in	air consumed	65% grip time (65% vacuum)	在75% time to 75% vacuum	air consumed
1.4mm	70 NI/min	90 NI/min	0.99 s	1.38 s	2.2 NI



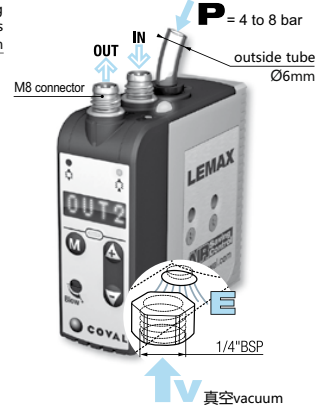
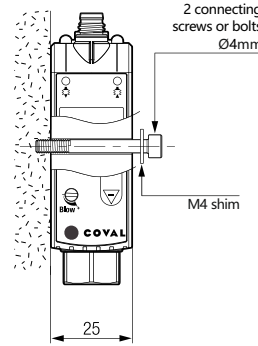
喷嘴直径 nozzle diameter

VP-LEMAX & LCPX Serisi Vantuz Modülü Vacuum Module VP-LEMAX & LCPX Series Dimensions Mounting options

1- Stand-alone modules



Side mounting

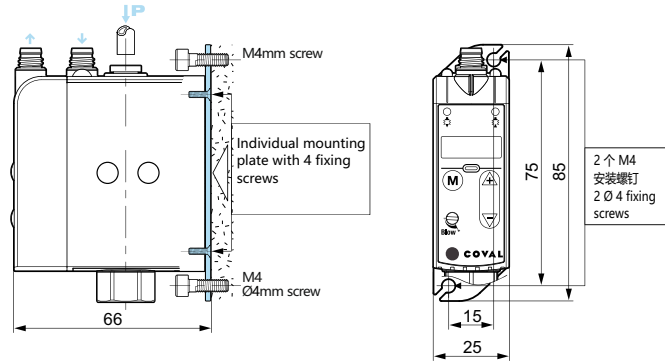


For front mounting, order the necessary kit, in addition to the module:

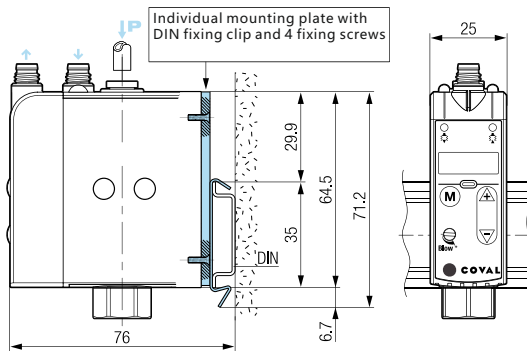
Front mounting kit:
1 plate + 4 screws



Front mounting



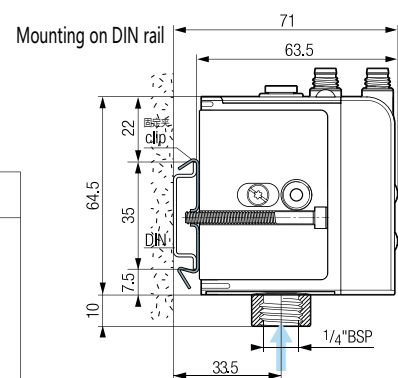
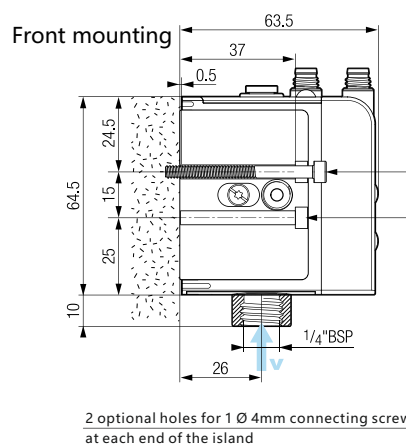
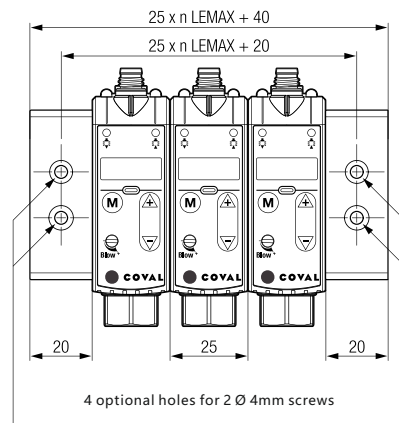
Mounting on DIN rail



A module can be clipped onto a DIN rail.
For this purpose, the module must first be equipped with an individual DIN installation plate, ordered separately:

DIN rail mounting kit: 1 plate/clip + 4 screws

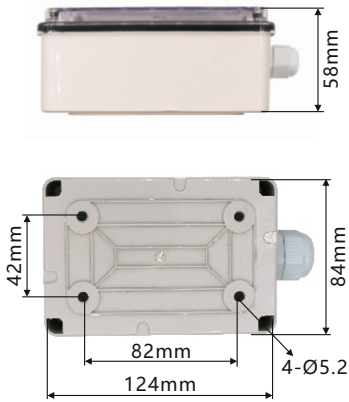
2- Islands



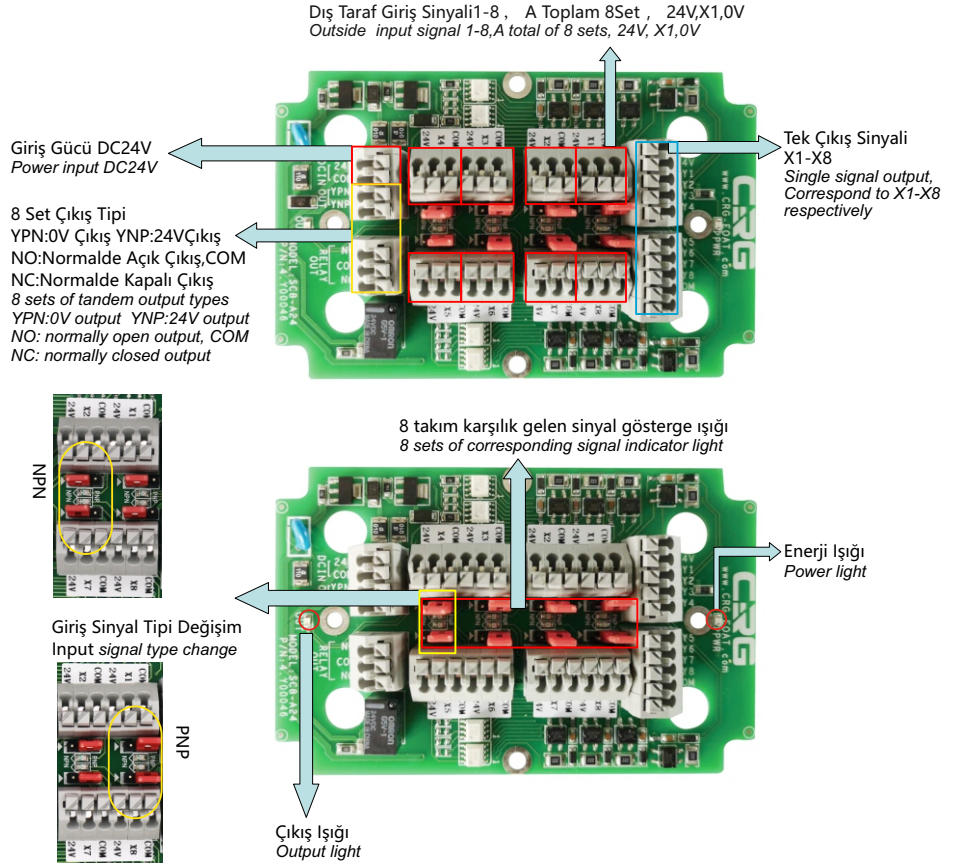
DIN rail mounting kit: 2 clips + 2 screws

Yapı
Açıklaması

Structure description

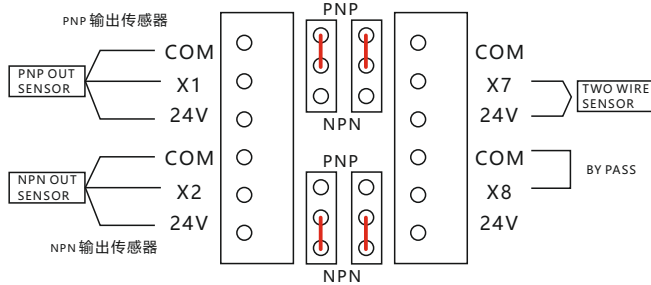


货号(PN)	8.Y00087
型号(Model)	ASC-8A-B



Talimatlar

Operation description



Fonksiyon Tanımı

Function description

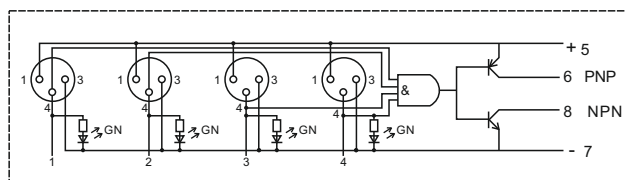
1. To solve the problem that the power supply of multiple sensors is not connected as one line, the problem of space occupation is cancelled. The maximum 8 groups can be used, and less than 8 groups need to be shorted.
2. Output types can be changed at present for NPN, PNP, NC, NO, and four output forms.
3. You can also crawl the signal individually, and grab the signal type for the actual type of sensor.
4. Observe the induction state of each inductor and the status of the output.
5. Types of sensors and output is not available, skipping type conversion, minus the replacement work of the sensor.

Elektrik Parametreleri

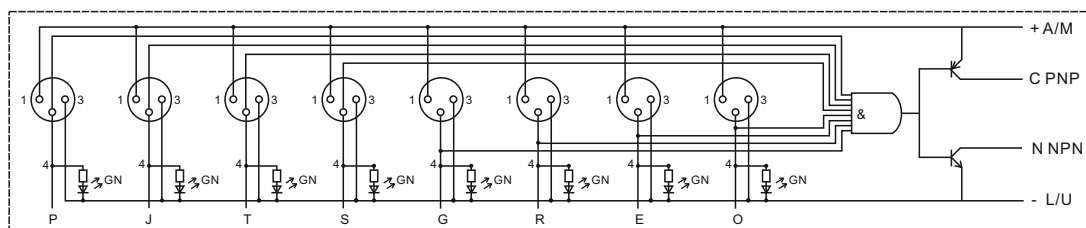
Electrical parameters

	minimum	Recommend	Maximum	Unit
supply voltage	20	24	28	V
Value of effective current at input	5	7	10	mA
Transistor Output Maximum Load			100	mA
Relay Output Load Capability (Resistive Load)			0.5A@125VAC 1A@24VDC	
Maximum switching frequency		TBD		Hz

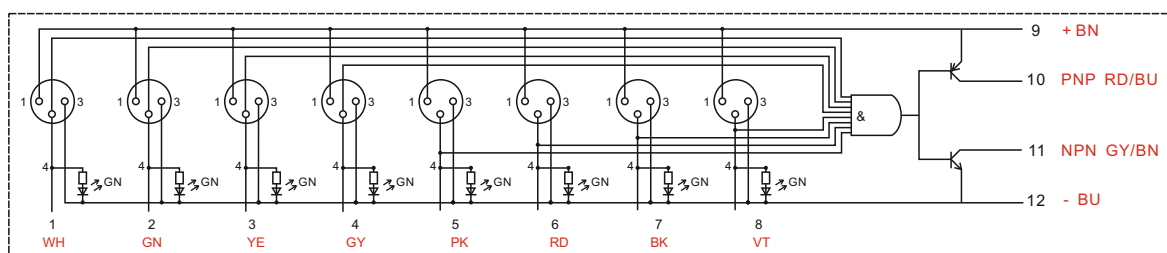
(PNP)



AJB4M8-3P-M12

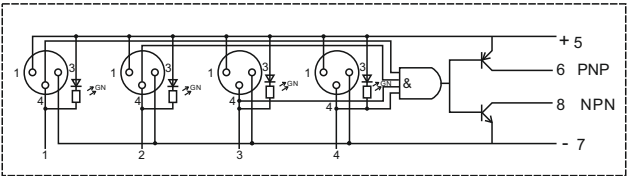


AJB8M8-3P-M16

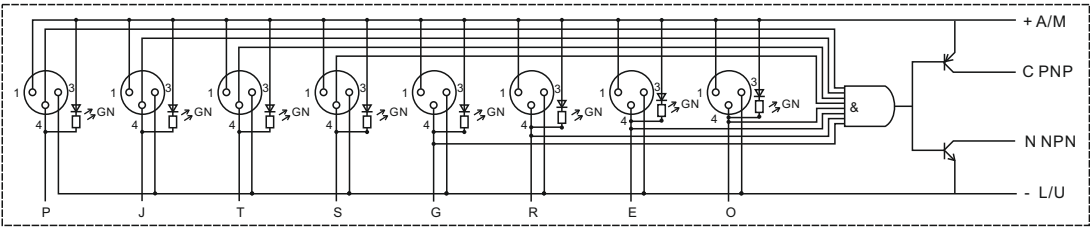


AJB8M8-3P-D2

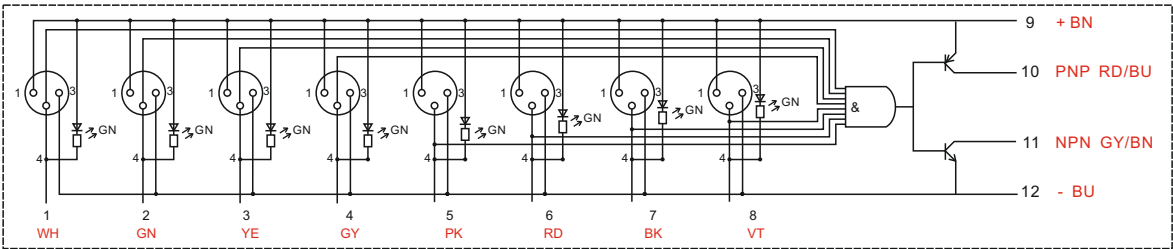
下一版本内容加上(NPN)



AJB4M8-3N-M12



AJB8M8-3N-M16



AJB8M8-3N-D2

Bağlantı Kutusu Junction box

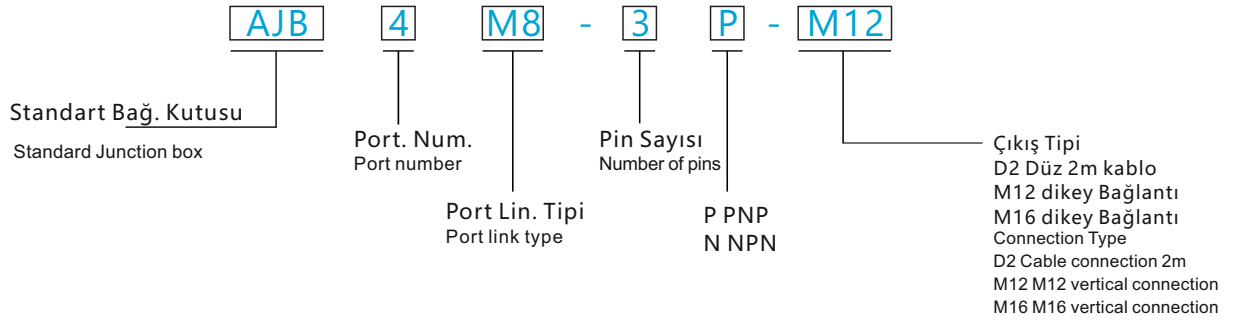
Housing material:Nylon/Black
Coupling nut:Brass/Nicket
Contact carrier:TPU/Black
Pin:Brass/Gold
IP degree:IP67
Load:10~30VDC,2 A/port, 6 A total,LED 10mA
Temperature range:-30...+80°C

Single channel PNP or NPN



Model Seçim Metodları

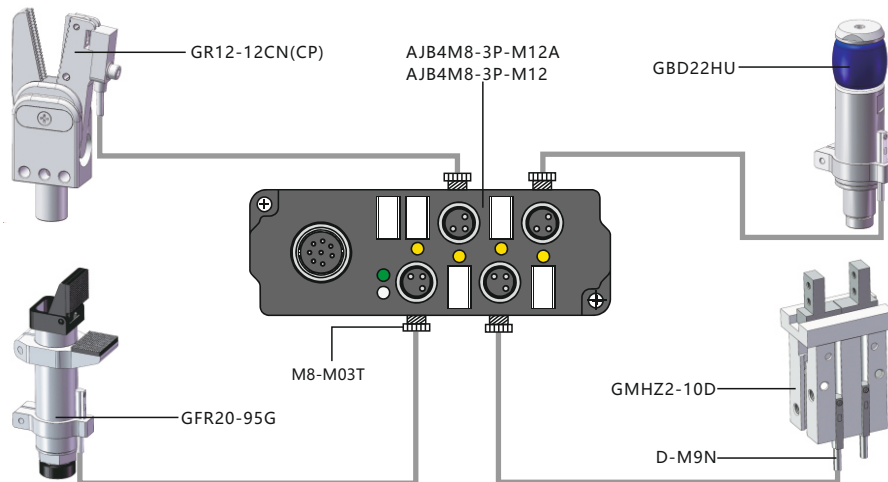
Model representation methods



Stok K(PN)	Model(Model)	Tipi(Type)	Ağırlık(Weight)
4.Y00487	AJB4M8-3P-M12	PNP	110g
4.Y00488	AJB4M8-3N-M12	NPN	110g
4.Y00491	AJB8M8-3P-M16	PNP	120g
4.Y00492	AJB8M8-3N-M16	NPN	120g
4.Y00495	AJB8M8-3P-D2	PNP	300g
4.Y00496	AJB8M8-3N-D2	NPN	300g

Uygulama Örneği/ Application example

1. Single channel PNP or NPN
2. The four way input is effective at the same time, and outputs a set of signals to realize the output function of "and circuit".



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DIRETECH

M8 4 Portlu Bağlantı Kutusu M8 4 ports Junction box

Housing material:Nylon/Black

Coupling nut:Brass/Nicket

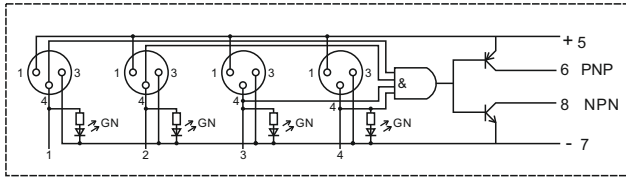
Contact carrier:TPU/Black

Pin:Brass/Gold

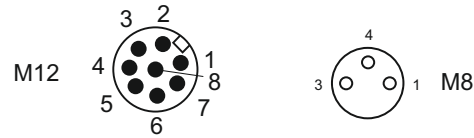
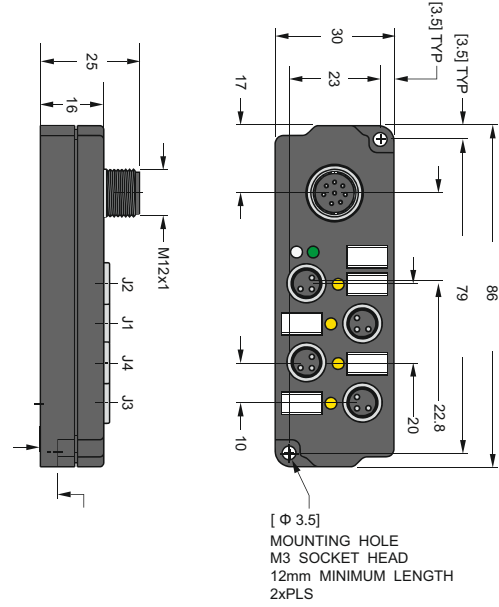
IP degree:IP67

Load:10~30VDC,2 A/port, 6 A total,LED 10mA

Temperature range:-30...+80°C



AJB4M8-3P-M12



/Joint



Single channel PNP or NPN

1 signal per port

LED

M12 vertical connector

8 pins M12 Field wirable connector

(PN)	1.Y07461
(Model)	ELK8112-0/9

3 pins M8 Field wirable connector

(PN)	1.Y06722
(Model)	M8-M03T

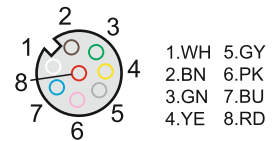


8 pins M12 pre-moulding Cable

(PN)	1.Y07462
(Model)	ELK8-2M/P00

Pinout

Female



Stok K.(PN)	Model(Model)	Tipi(Type)	Ağırlık(Weight)
4.Y00487	AJB4M8-3P-M12	PNP	110g
4.Y00488	AJB4M8-3N-M12	NPN	110g

Accessory Components

M8 8 Portlu Bağlantı Kutusu M8 8 ports Junction box

Housing material:Nylon/Black

Coupling nut:Brass/Nicket

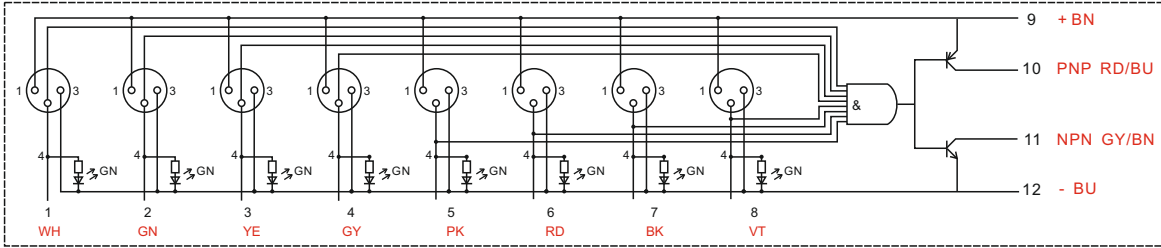
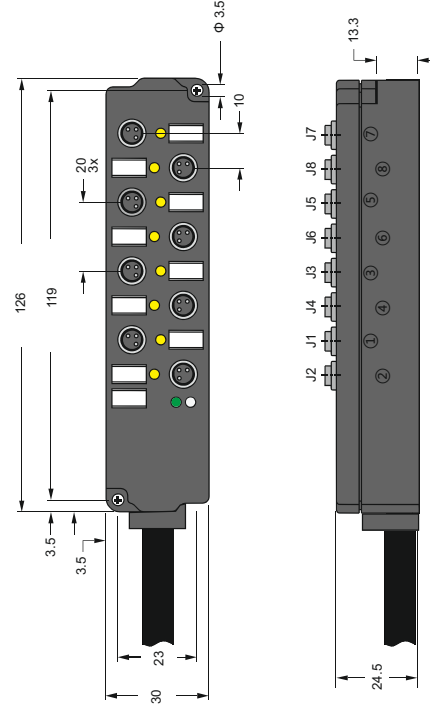
Contact carrier:TPU/Black

Pin:Brass/Gold

IP degree:IP67

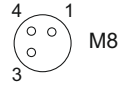
Load:10~30VDC,2 A/port, 6 A total,LED 10mA

Temperature range:-30...+80°C



AJB8M8-3P-D2

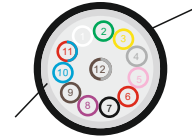
Joint



3 pins M8 Field wirable connector

(PN)	1.Y06722
(Model)	M8-M03T

Singal Wire Cross-sectional Sketch Map



- | | |
|------|----------|
| 1.WH | 7.BK |
| 2.GN | 8.VT |
| 3.YE | 9.BN |
| 4.GY | 10.BU |
| 5.PK | 11.RD/BU |
| 6.RD | 12.GY/BN |

Single channel PNP or NPN

1 signal per port

LED

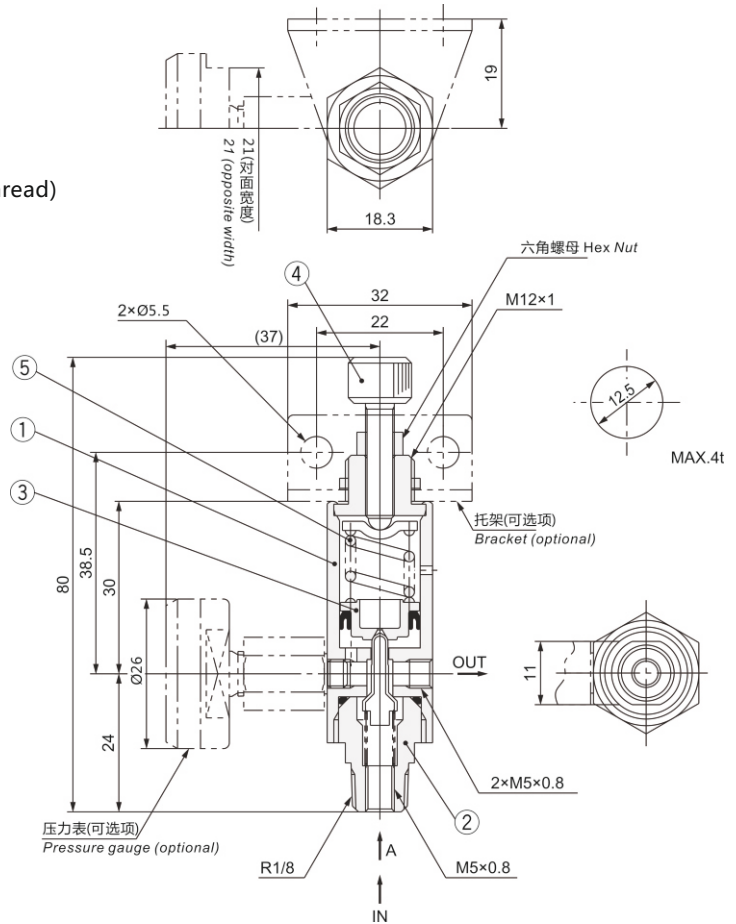
Black PVC wire with 10 cores in 2m

Stok K.(PN)	Model(Model)	Tipi(Type)	Ağırlık(Weight)
4.Y00495	AJB8M8-3P-D2	PNP	300g
4.Y00496	AJB8M8-3N-D2	NPN	300g

* 标准长度为2米,可订制长度

* The standard length is 2 meters, which can be customized.

Accessory Components



Stok K.(PN)		1.Y05877
Model(Model)		ARJ210-M5
Bağlantı Ölçüsü Pipe Siz	IN	1/8 (F-外螺纹)及M5×0.8(M-内螺纹)
	OUT	M5×0.8(F-内螺纹2处)
Fluid		Air
Proof pressure		1.2MPa
Maximum Operating pressure		0.8MPa
Set pressure range		0.2~0.7MPa
		0.2MPa: 0.05~0.2MPa
Pressure gauge connecting caliber		M5×0.8(M-内螺纹)
Environment and fluid temperature		-5~60℃
(kg)	Weight	0.06

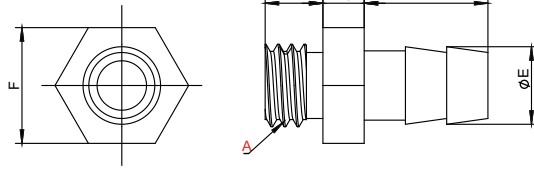
Boru Kesici Tube Cutter



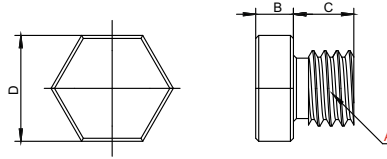
Special tool for cutting copper tube
Ease to use
Improve work efficiency
Durable, high-quality, weight (248g)

Stok K.(PN)	1.Y02592
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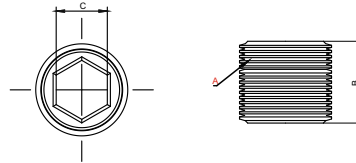
Bağlantı Parçaları Connector



Stok K.(PN)	Model(Model)	A	B	C	D	E	F	Ağırlık Weight
1.Y03145	APB-M3-Ø4	M3	4	2	5.5	3.5	4.5	0.6g
1.Y05008	APB-M5-Ø4	M5	5	2	6.5	3.5	7	1.4g
1.Y01986	APB-M5-Ø6	M5	4.5	2.5	7	4.8	7	1.7g



Stok K.(PN)	Model(Model)	A	B	C	D	Ağırlık Weight
1.Y06794	APF-M3	M3	2	3	4.9	0.5g
1.Y02510	APF-M5	M5	2.5	4.5	7	1.4g



Stok K.(PN)	Model(Model)	A	B	C	Ağırlık Weight
1.Y00462	APF-G18	G1/8	8	5	3.0g
1.Y00463	APF-G14	1/4	9	6	6.2g

Profile
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

Air Nipper
Hava Kesiçiler

Vacuum Module
Vakum Modülleri

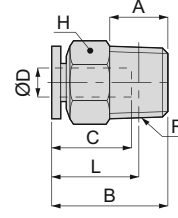
Accessory Components
Aksesuar Komponentleri

Bağlantı Parçaları Connector

APC Serisi APC series

Düz Dişli Hortum Rekoru

Straight Threaded Hose Fitting

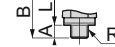
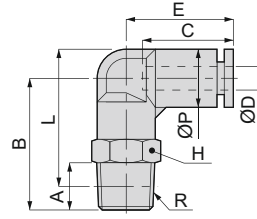


Stok K.(PN)	Model(Model)	ØD	R	A	B	L	C	H	Ağırlık Weight
1.Y03809	APC4-M5	4	M5 × 0.8	3	20	17	14.9	10	6.3g
1.Y02726	APC4-01		R1/8	8	21	17		10	8.3g
1.Y04049	APC4-02		R1/4	11		15		14	16g
1.Y03039	APC6-M5	6	M5 × 0.8	3	22.1	19.1	17	12	9.2g
1.Y02725	APC6-01		R1/8	8	22.6	18.6		14	9.3g
1.Y04048	APC6-02		R1/4	11	24.6	18.5		14	18g
1.Y05531	APC6-03		R3/8	12	23.6	17.2		17	28g
1.Y04537	APC8-01	8	R1/8	8	27.9	23.9	18.2	14	16g
1.Y05532	APC8-02		R1/4	11	26.6	20.6		17	24g
1.Y05533	APC8-03		R3/8	12	23.9	17.6		17	24g
1.Y05534	APC10-01	10	R1/8	8	30.3	26.3	20.7	17	21g
1.Y05535	APC10-02		R1/4	11	29.5	23.8			21g
1.Y05536	APC10-03		R3/8	12	29.3	23			27g

APL Serisi APL series

L Tipi Dişli Hortum Rekoru

L-type Threaded Hose Fitting

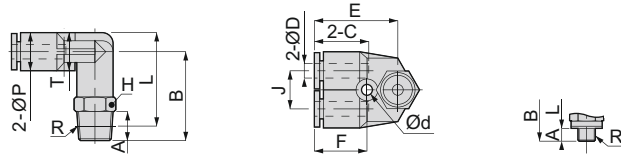


Stok K.(PN)	Model(Model)	ØD	R	A	B	L	ØP	C	E	H	Ağırlık Weight
1.Y02724	APL4-M5	4	M5 × 0.8	3	20.3	22.3	10	14.9	18	10	8g
1.Y02810	APL4-01		R1/8	8	23.2	24.3				14	11g
1.Y03097	APL4-02		R1/4	11	26.3	25.3				14	21g
1.Y02809	APL6-M5	6	M5 × 0.8	3	22	25.3	12.5	16.8	19.8	12	13g
1.Y02722	APL6-01		R1/8	8	25	27.3				14	14g
1.Y03988	APL6-02		R1/4	11	28	28.2				14	22g
1.Y05539	APL6-03		R3/8	12	29.8	29.7				17	35g
1.Y02723	APL8-01	8	R1/8	8	28	31.3	14.5	18.1	22.7	14	19g
1.Y03812	APL8-02		R1/4	11	31	32.2				17	24g
1.Y05540	APL8-03		R3/8	12	32.8	33.7				17	37g
1.Y03096	APL10-01	10	R1/8	8	33	37.8	17.5	20.2	26.2	17	31g
1.Y05541	APL10-02		R1/4	11	36	38.7				21	34g
1.Y05542	APL10-03		R3/8	12	37	39.4				21	43g

Bağlantı Parçaları Connector

APAX Serisi APAX series
X Tipi Dişli Hortum Rekoru

X-type Threaded Hose Fitting

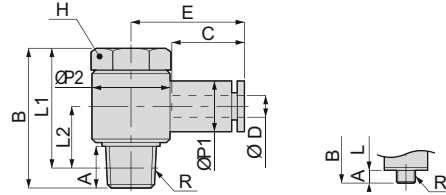


Stok K.(PN)	Model(Model)	ØD	R	A	B	L	ØP	C	J	E	H	Ød	F	T	Ağırlık Weight
1.Y05545	APAX4-M5	4	M5 × 0.8	3	21.7	23.7	10	14.9	11	22.7	10	3.2	14.2	10	12g
1.Y05546	APAX4-01		R1/8	8	24.7	25.7					14				15g
1.Y05547	APAX4-02		R1/4	11	27.7	26.7					14				24g
1.Y05548	APAX6-M5	6	M5 × 0.8	3	25	28.3	12.5	17	12	26.2	12	4.2	15.5	12.5	17g
1.Y05549	APAX6-01		R1/8	8	28	30.3					14				19g
1.Y05550	APAX6-02		R1/4	11	31	31.2					17				27g
1.Y05551	APAX6-03		R3/8	12	32.8	32.7					17				40g
1.Y05552	APAX8-01	8	R1/8	8	31	34.3	14.5	18.1	14	29.4	14	4.2	16.9	14.5	25g
1.Y05553	APAX8-02		R1/4	11	34	35.2					17				31g
1.Y05554	APAX8-03		R3/8	12	35.8	36.7					17				44g
1.Y05555	APAX10-01	10	R1/8	8	34	38.8	17.5	20.2	18	33.5	17	4.2	18.5	17.5	42g
1.Y05556	APAX10-02		R1/4	11	37	39.7					17				46g
1.Y05557	APAX10-03		R3/8	12	38	40.4					17				54g

APH Serisi APH series

Akış Ayarlanabilir Dişli Hava Rekoru

Adjusting Directional Flow Threaded Hose Fitting



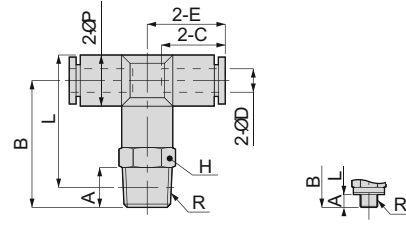
Stok K.(PN)	Model(Model)	ØD	R	A	B	L1	L2	ØP1	ØP2	C	E	H	Ağırlık Weight
1.Y05560	APH4-M5	4	M5 × 0.8	3	17.2	14.2	6.2	10	9.8	14.9	21.2	8	7.5g
1.Y05561	APH4-01		R1/8	8	27	23	12		15.4		22.2	14	21g
1.Y05562	APH6-M5	6	M5 × 0.8	3	17.2	14.2	7.4	12.5	9.8	17	23.1	8	8.3g
1.Y05563	APH6-01		R1/8	8	27	23	12		15.4		24.2	14	22g
1.Y05564	APH6-02		R1/4	11	31.5	25.5	13.5		19.6		26.8	17	36g
1.Y05565	APH8-01	8	R1/8	8	27	23	12.3	14.5	15.4	18.1	26.2	14	23g
1.Y05566	APH8-02		R1/4	11	31.5	25.5	13.5		19.6		28.2	17	38g
1.Y05567	APH8-03		R3/8	12	36	29.7	15.7		24.4		30.2	21	60g
1.Y05568	APH10-02	10	R1/4	11	31.5	25.5	15	18	19.6	20.2	30.5	17	41g
1.Y05569	APH10-03		R3/8	12	36	29.7	15.7		24.4		32.5	21	63g

Bağlantı Parçaları Connector

APT Serisi APT series

T Tipi Dişli Hava Rekoru

T-type Threaded Hose Fitting

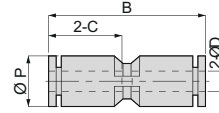


Stok K.(PN)	Model(Model)	ØD	R	A	B	L	ØP	C	E	H	Ağırlık Weight
1.Y05571	APT4-M5	4	M5 x 0.8	3	20.2	22.2	10	14.9	16.9	10	11g
1.Y05572	APT4-01		R1/8	8	23.2	24.2					14g
1.Y05573	APT4-02		R1/4	11	26.2	25.2					23g
1.Y05574	APT6-M5	6	M5 x 0.8	3	23	26.5	13	17	20.15	12	16g
1.Y05575	APT6-01		R1/8	8	26	28.5					18g
1.Y05576	APT6-02		R1/4	11	29	29.5					26g
1.Y05577	APT6-03		R3/8	12	30.8	31					39g
1.Y05578	APT8-01	8	R1/8	8	26.3	29.8	15	18.4	22.4	14	23g
1.Y05579	APT8-02		R1/4	11	29.3	30.8					29g
1.Y05580	APT8-03		R3/8	12	31.1	32.3					42g
1.Y05581	APT10-01	10	R1/8	8	33	37.8	17.5	20.2	25.2	17	38g
1.Y05582	APT10-02		R1/4	11	36	38.7					42g
1.Y05583	APT10-03		R3/8	12	37	39.4					50g

APU Serisi APU series

Düz Hava Rekoru

Straight Hose Fitting

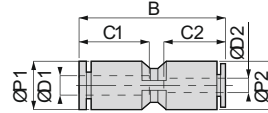


Stok K.(PN)	Model(Model)	ØD	B	ØP	C	Ağırlık Weight
1.Y05586	APU4	4	30.8	10	14.9	4.7g
1.Y05587	APU6	6	34.9	12.5	17	6.5g
1.Y05588	APU8	8	37.8	14.5	18.1	9.4g
1.Y05589	APU10	10	43.4	17.5	20.2	16g

APG Serisi APG series

Düz Dönüştürmeli Hava Rekoru

Straight Converting Hose Fitting



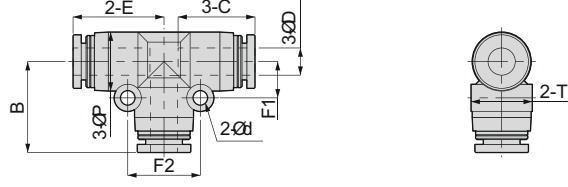
Stok K.(PN)	Model(Model)	D1	D2	B	P1	P2	C1	C2	重量 Weight
1.Y02813	APG6-4	6	4	34.4	12.5	12.5	17	14.9	6.4g
1.Y05591	APG8-4	8	4	36.6	14.5	10.7	18.1	14.9	7.2g
1.Y04086	APG8-6		6	37.9		14.5		17	8.8g
1.Y05592	APG10-6	10	6	39.8	17.5	13	20.2	17	12g
1.Y04087	APG10-8		8	43.1		17.5		18.4	14g

Bağlantı Parçaları Connector

APE Serisi APE series

T Tipi Hava Rekoru

T-type Hose Fitting

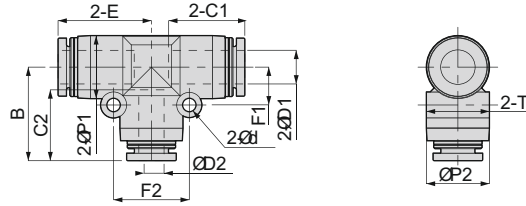


Stok K.(PN)	Model(Model)	ØD	ØP	C	E	Ød	T	F1	F2	B	Ağırlık Weight
1.Y02811	APE4	4	10	14.9	16.9	3.2	10	6.5	13	16.9	7.5g
1.Y02812	APE6	6	13	17	20.05	3.2	13.5	8	16	20.1	11g
1.Y05594	APE8	8	15	18.1	22.2	3.2	15	9	18	22.2	16g
1.Y05595	APE10	10	17.5	19.6	25.2	4.2	17.5	12	24	25.2	25g

APEG Serisi APEG series

T Tip Hava Çevirici Rekor

T-type Converting Hose Fitting

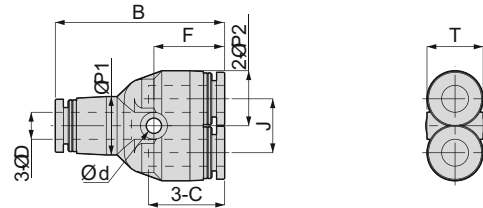


Stok K.(PN)	Model(Model)	ØD1	ØD2	ØP1	ØP2	C1	C2	E	Ød	F1	F2	B	T	Ağırlık Weight
1.Y05597	APEG4-6	4	6	13	13	14.9	17	19.5	3.2	8	16	20.1	13.5	11g
1.Y05598	APEG6-4	6	4	13	13	17	14.9	20.05	3.2	8	16	19.5	13.5	11g
1.Y05599	APEG6-8		8	15	15		18.1	22.25		9	18	22.2	15.6	14g
1.Y05600	APEG8-4	8	4	14.5	12.5	18.1	14.9	22.2	3.2	9	18	21.7	15.1	14g
1.Y05601	APEG8-6		6				17					22.3		
1.Y05602	APEG8-10		10	17.5	17.5		20.2	24.9	4.2	12	24	25.2	17.5	22g
1.Y05603	APEG10-6	10	6	17.5	14.5	20.2	17	25.2	4.2	12	24	25	18.2	22g
1.Y05604	APEG10-8		8				18.1					24.9		23g
1.Y05605	APEG10-12		12	21	21		22.9	28.2		14	28	28.2	21.7	34g

AP Serisi APY series

Y Tip Hava Rekoru

Y-type Converting Hose Fitting



Stok K.(PN)	Model(Model)	ØD	B	ØP1	ØP2	C	J	Ød	F	T	重量 Weight
1.Y03810	APY4	4	32.8	10	10	14.9	11	3.4	14.1	10	7.6g
1.Y03662	APY6	6	37.7	13	12.5	17	12	3.4	15.8	13.5	11g
1.Y03095	APY8	8	42.4	15	14.5	18.1	14	3.4	17.2	14.5	16g
1.Y05608	APY10	10	48.4	18	18	20.7	18	4.5	19.5	18	26g

Profile

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modülleri

Air Nipper
Hava Kesiciler

Vacuum Module
Vakum Modülleri

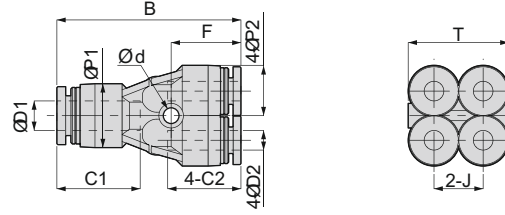
Accessory Components
Aksesuar Komponentleri

Bağlantı Parçaları Connector

APRG Serisi APRG series

Dağıtıcı Hava Rekoru

Distributary Converting Hose Fitting

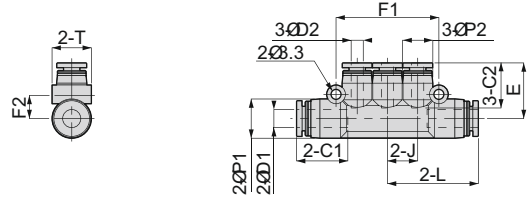


Stok K.(PN)	Model (Model)	ØD1	ØD2	B	ØP1	ØP2	C1	C2	J	Ød	F	T	Ağırlık Weight
1.Y05610	APRG6-4	6	4	37.5	13	10.5	17	14.9	10	3.2	14.2	20.5	14g
1.Y05611	APRG8-6	8	6	42	14	13	18.2	17	13	3.5	15.8	26	21g

APKG Serisi APKG series

Dağıtıcı ve Çevirici Hava Rekoru

Distributary Converting Hose Fitting

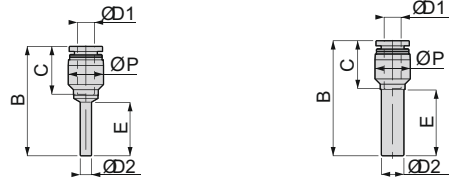


Stok K.(PN)	Model(Model)	ØD1	ØD2	L	E	J	ØP1	ØP2	C1	C2	F1	F2	T	Ağırlık Weight
1.Y05612	APKG6-4	6	4	30.05	18.4	10	13	10	17	14.9	34	8	13	16g
1.Y05613	APKG8-4	8	4	31.2	19.2	10	15	10	18.1	14.9	34	9.2	15	20g
1.Y05614	APKG8-6	8	6	34.7	21.3	12	15	13	18.1	17	40.2	9	15	23g
1.Y05615	APKG10-6	10	6	40	23.8	14	17.5	15	20.7	17	46.2	10.5	17.5	31g
1.Y05616	APKG10-8	10	8	40	23.7	14	17.5	15	20.7	18.1	46.2	10.5	17.5	33g

APGJ Serisi APGJ series

Direk Çeviricili Hava Rekoru

Direct-Thrust Type Converting Hose Fitting



Stok K.(PN)	Model(Model)	ØD1	ØD2	B	E	ØP	C	Ağırlık Weight
1.Y05617	APGJ4-6	6	4	38.8	19	12.5	17	3.5g
1.Y05618	APGJ6-4	4	6	37.7	22.3	10	14.9	2.9g
1.Y05619	APGJ6-8	8	6	43.2	22.5	14.5	18.1	5.3g
1.Y05620	APGJ8-4	4	8	40.2	23.3	12.5	14.9	3.8g
1.Y05621	APGJ8-6	6	8	40.8	23.3	12.5	17	4g
1.Y05622	APGJ8-10	10	8	46.5	23.5	17.5	20.2	8.7g
1.Y05623	APGJ8-1/4	1/4	8	40.8	23.3	12.5	17	4g

Profile, SUS Tube

Stents Module

Quick Changer

Grip Module

Air Whipper

Vacuum Module

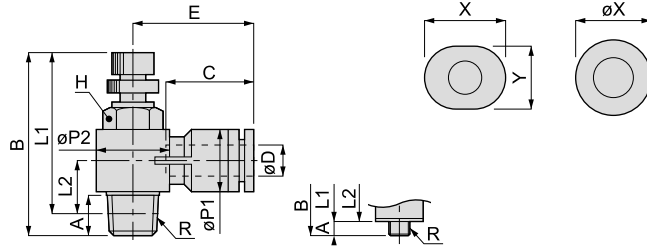
Accessory Components

Bağlantı Parçaları Connector

AJSC Serisi AJSC series

L Tip Ayarlanabilir Valf

L-Shape throttle valve

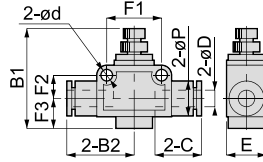


Stok K.(PN)	Model(Model)	ØD	R	A	B		L1		L2	ØP1	ØP2	C	E	H	X	Y	Ağırlık Weight
					max	min	max	min									
1.Y05866	AJSC4-M5	4	M5 × 0.8	2.9	29.7	27	26.8	24.1	6.7	8	9.8	11	15.4	8	9.8	7.8	7.2g
1.Y05867	AJSC4-01		R1/8	8	41.5	34.9	37.5	30.9	10.7		14.4		17.7	10			17g
1.Y05868	AJSC6-M5	6	M5 × 0.8	2.9	29.7	27	26.8	24.1	7.5	10.5	9.8	11.6	17.5	8	11.8	9.8	7.9g
1.Y05869	AJSC6-01		R1/8	8	41.5	34.9	37.5	30.9	10.7		14.4		18.3	10			18g
1.Y05870	AJSC6-02	8	R1/4	11.1	48.9	42.2	42.8	36.1	11.9	14.4	18.4	18.1	20.2	14	13.8	-	35g
1.Y05871	AJSC8-01		R1/8	8	41.5	34.9	37.5	30.9	11.9		14.4		26.9	10			21g
1.Y05872	AJSC8-02		R1/4	11.1	48.9	42.2	42.8	36.1	13.2		18.4		28.4	14			38g

AJSU Serisi AJSUseries

Düz Tip Ayarlanabilir Valf

Straight type of throttle valve



Stok K.(PN)	Model (Model)	ØD	B1		B2	ØP	E	C	Ød	F1	F2	F3	Ağırlık Weight
			max	min									
1.Y05873	AJSU4	4	28.6	25.9	20.4	10.5	11	14.9	3.2	14	6.5	6.5	13g
1.Y05874	AJSU6	6	42.6	36.5	24.9	13	15	16.9	4.3	20	8.5	11	29g
1.Y05875	AJSU8	8	47.3	41.1	27.4	15	18	18.1	4.3	22	9.5	12	43g
1.Y05876	AJSU10	10	53.5	45.9	31.7	18	21	20.7	4.3	26	11	12	71g

Profile
Profilier

Stents Module
Bağlantı Modülleri

Quick Changer
Hızlı Değiştiriciler

Grip Module
Tutucu Modüller

Air Nipper
Havalı Kesiciler

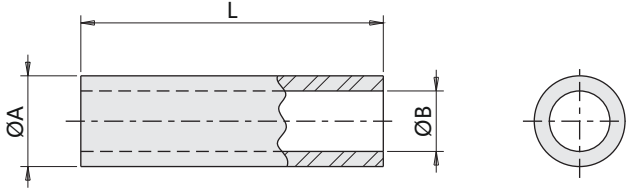
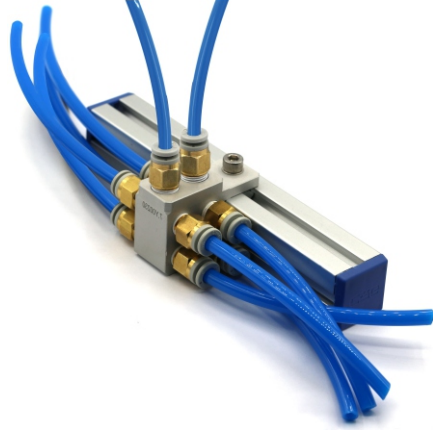
Vacuum Module
Vakum Modülleri

Accessory Components
Aksesuar Komponentleri

Hortumlar Hoses

Poliüretan Hortum basınçlı hava ve rekorlara uygundur.

Polyurethane hose for compressed air suitable for use with push in fittings.



Teknik Karakteristiği
Technical characteristics

$$T = -40 \div +60 \text{ } ^\circ\text{C}$$

Stok K.(PN)	Model(Model)	Renk(Colour)	A [mm]	B [mm]	L [m]	Lm [g/m]
1.Y00824	AH4B	Siyah / Black	4	2.5	100	10g
1.Y03687	AH4BU	Mavi / Blue	4	2.5	100	10g
1.Y00823	AH4G	Yeşil/ Green	4	2.5	100	10g
1.Y03686	AH4T	Saydam/Transparent	4	2.5	100	10g
1.Y00821	AH4Y	Sarı / Yellow	4	2.5	100	10g
1.Y00822	AH4R	Kırmızı / Red	4	2.5	100	10g
1.Y05661	AH4O	Turuncu/Orange	4	2.5	100	10g
1.Y00830	AH6B	Siyah/ Black	6	4	100	19g
1.Y00829	AH6BU	Mavi/ Blue	6	4	100	19g
1.Y00825	AH6G	Yeşil/ Green	6	4	100	19g
1.Y00827	AH6T	Saydam/Transparent	6	4	100	19g
1.Y00828	AH6Y	Sarı/ Yellow	6	4	100	19g
1.Y00826	AH6R	Kırmızı / Red	6	4	100	19g
1.Y04640	AH6O	Turuncu/Orange	6	4	100	19g
1.Y04478	AH8B	Siyah/ Black	8	6	100	38g
1.Y00831	AH8BU	Mavi / Blue	8	6	100	38g
1.Y04476	AH10B	黑色 / Black	10	8	100	58g
1.Y05660	AH10BU	蓝色 / Blue	10	8	100	58g

- A [Dış Çap - Outer diameter]
 B [İç Çap - Inner diameter]
 L [Uzunluk - Length]
 Lm [Doğrusal Kütle - Linear mass]
 P [Çalışma Basıncı - Operating pressure range]
 T [Çalışma Sıcaklığı - Operating temperature range]



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PST20-1500	4.Y00022	1
PAT20-1000	4.Y00468	1
PAT30-1000	4.Y00469	1
PEP1818-1000	4.Y00075	2
PEP2510-1000	4.Y00076	2
PEP2518-1000	4.Y00455	2
PEP2525-1000	4.Y00050	2
PEP2525-2000	4.Y00051	2
PEP5025-1000	4.Y00056	2
PEP5025-2000	4.Y00057	2
PEP4040-1000	4.Y00052	2
PEP4040-2000	4.Y00053	2
PEP-3636-1000	4.Y00054	2
PEP-3636-1500	4.Y00484	2
PEP-3636-2000	4.Y00055	2
PTN-M4	7.Y00651	3
PTN-M5	7.Y00425	3
PTN-M6	7.Y00652	3
PTN-M4P8	7.Y00653	3
PTN-M5P10	7.Y00654	3
PTN-M5P15	7.Y00655	3
PTN-M5P17	7.Y00656	3
PTN-M5P22	7.Y00657	3
PTN-M5P25	7.Y00658	3
PTN-M5P28	7.Y00659	3
PTN-M5P30	7.Y00660	3
PTN-M5P35	7.Y00661	3
PTN-M5P40	7.Y00662	3
PTN-M5P50	7.Y00663	3
PTN-M5P60	7.Y00664	3
PTN-M5P90	7.Y00665	3
PTN-M5R	7.Y00805	3
PTC-M4L10	1.Y03908	4
PTC-M4L12	1.Y03848	4
PTC-M4L14	1.Y02752	4
PTC-M4L16	1.Y04073	4
PTC-M4L18	1.Y05846	4
PTC-M5L10	1.Y04294	4
PTC-M5L12	1.Y03850	4
PTC-M5L14	1.Y04528	4
PTC-M5L16	1.Y03849	4
PTC-M5L20	1.Y03909	4
PTC-M5L22	1.Y06257	4
PTC-M5L25	1.Y03851	4
PTC-M5L30	1.Y04469	4
PTC-M5L35	1.Y04580	4
PTC-M5L60	1.Y05391	4
PTC-M6L10	1.Y04288	4
PTC-M6L12	1.Y03910	4
PTC-M6L14	1.Y04153	4
PTC-M6L16	1.Y02753	4
PTS-M4	1.Y03853	4
PTS-M5	1.Y03852	4
PTS-M6	1.Y03854	4
PTD-M4P8	4.Y00522	4
PTD-M5P10	4.Y00523	4
PTD-M5P15	4.Y00524	4
PTD-M5P17	4.Y00525	4
PTD-M5P22	4.Y00526	4
PTD-M5P25	4.Y00527	4
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SIP-90B	7.Y00634	5
SIP-160B	7.Y00635	5

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SFP-S40160	7.Y00643	7
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SFP-A70	7.Y00639	9
SFP-A50	7.Y00640	9
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SMBA-1825	7.Y00291	10
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SMBA-3030	7.Y00193	10
SMBA-5050	7.Y00011	10
SMBA-2550	7.Y00292	10
SMBA-4040	7.Y00246	10
SMBA-8080	7.Y00355	10
SMBA-4080	7.Y00293	10
SMBA-2580	7.Y00294	10
SMBA-2540	7.Y00356	10
SMBA-3025	7.Y00690	10
SMBB-1818	7.Y00295	11
SMBB-1825	7.Y00817	11
SMBB-2525	7.Y00012	11
SMBB-5025	7.Y00339	11
SMBB-2550	7.Y00340	11
SMBB-3030	7.Y00163	11
SMBC-1025	7.Y00296	12
SMBC-1432	7.Y00297	12
SMBC-2038	7.Y00013	12
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SMBE1-1040	7.Y00201	16
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SMBE5-M1060	7.Y00313	20
SMBE5-M1240	7.Y00314	20
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SMBY20-150	7.Y00462	24
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SMBT2-2020	7.Y00185	26
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