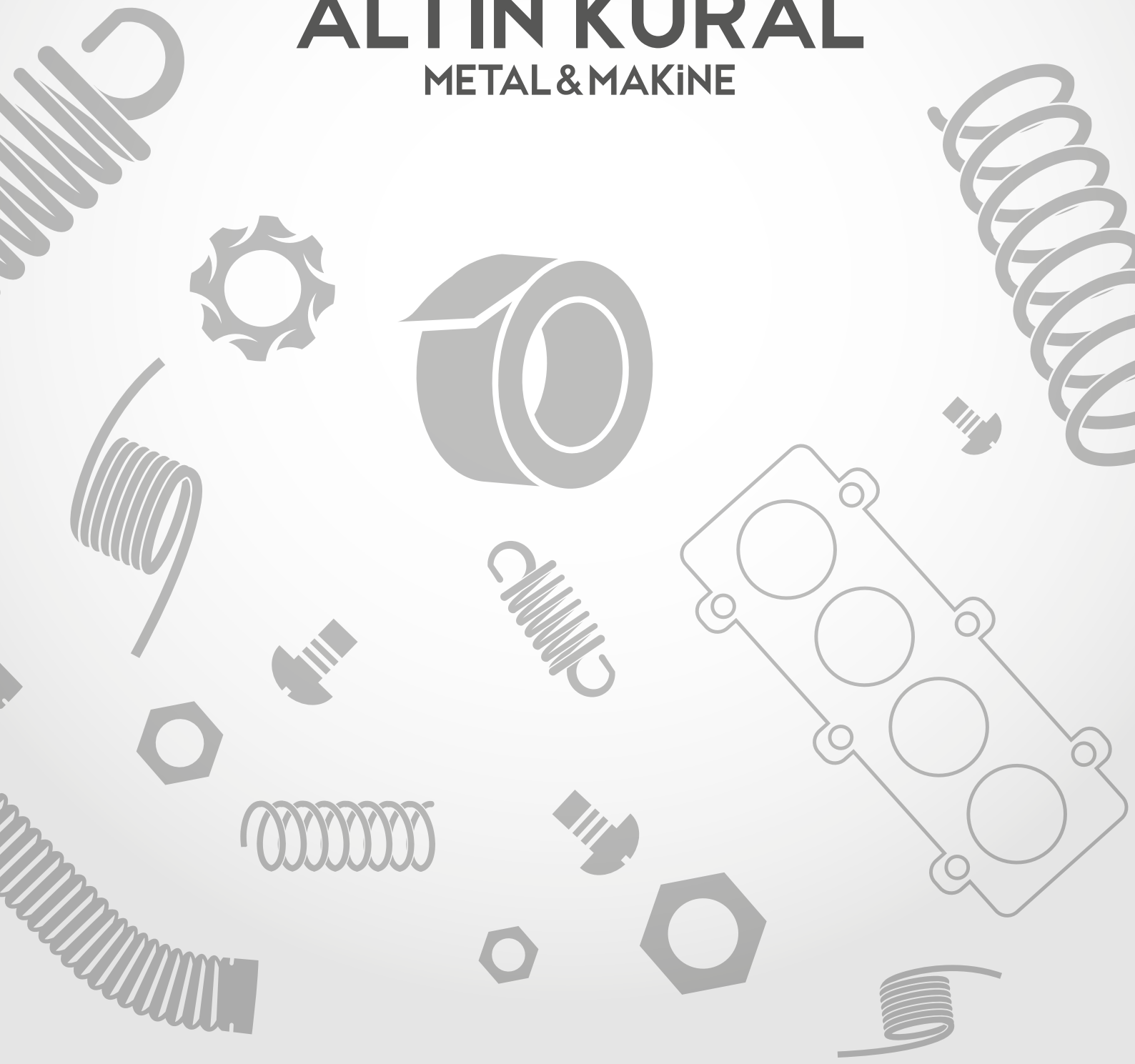
ALTIN KURAL

METAL & MAKiNE



Altın Kuralımız ;
Siz Müşterilerimizin Memnuniyeti...

GOLDEN RULE
METALS&MACHINES

ALTIN KURAL
METAL&MAKiNE

Paslanmaz Çelik Yaylık Tel

AISI	Werkstoff Nr.
302	1,4310
304	1,4301
316	1,4401
316L	1,4404
316Ti	1,4571
631	1,4568

YÜZEY ÖZELLİKLERİ

Kaplamalı Yüzeyler:

Soap. Coated (S-CO) : Toz Kaplı
Nickel Coated (Ni-CO) Nikel Kaplı + Toz Kaplı

Parlak Yüzeyler:

Parlak (BR) Yağda Çekilmiş
Ni-BR Nikel kaplı + yağda çekilmiş

Paslanmaz Çelik
Vidalık - Civatalık - Perçinlik Tel

AISI	Werkstoff Nr.	Cu	C(Max)	Mn(Max)	P(Max)	S(Max)	Si(Max)	Cr	Ni
304Cu	1,4567	2,00-3,00	0,05	2,00	0,04	0,03	1,00	17.0-19.0	11.0-14.0
316Cu	1,4578	2,00-3,00	0,05	2,00	0,04	0,03	1,00	17.0-19.0	11.0-14.0
410	1,4006		0,15	1,00	0,04	0,03	0,50	11.5-13.5	
430	1,4016		0,12	1,00	0,04	0,03	1,00	16.0-18.0	

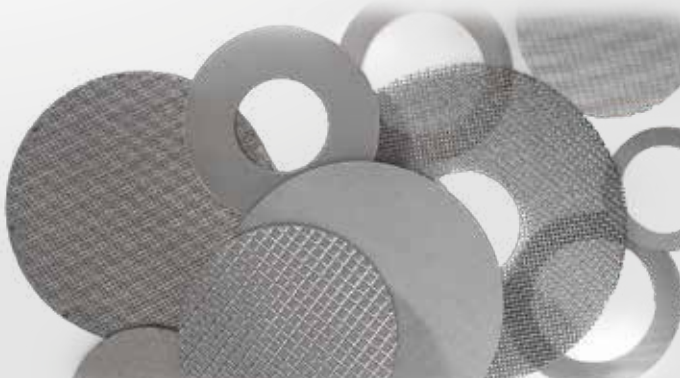
Paslanmaz Çelik Örgülük Tel

YAKLAŞIK KİMYASAL KOMPOZİSYONLAR

Normu	C	Mn	P	S	Si	Cr	Ni	Mo	Ti	AISI	Werkstoff
304	Max. 0.08	2	0.045	0.030	1	18-20	8-10,50	-	-	304	1,4301
309	Max. 0.20	2	0.045	0.030	1	22-24	12-15,00	-	-	309	1,4845
310	Max. 0.25	2	0.045	0.030	1,5	24-26	19-22	-	-	310	1,4841
314	Max. 0.25	2	0.045	0.030	1.50-3.00	23-26	19-22	-	-	314	1,4841
316	Max. 0.06	2	0.045	0.030	1	16-18	10-14,00	2.50-3.00	-	316	1,4401
321	Max. 0.08	2	0.045	0.030	1	17-19	9-12,00	-	0.8	321	1,4541
304L	Max. 0.03	2	0.045	0.030	1	18-20	10-12,5	2	-	304L	1,4306
316L	Max. 0.03	2	0.045	0.030	1	16-18	12-15,00	2,5	-	316L	1,4404
316Ti	Max. 0.08	2	0.045	0.030	1	16-18	10-14,00	2	5x%C-0,80	316Ti	1,4571
430	Max. 0.12	1	0.040	0.030	Max. 0.75	16-18	-	-	-	430	1,4016

Paslanmaz Çelik Mesh Filtre Teli

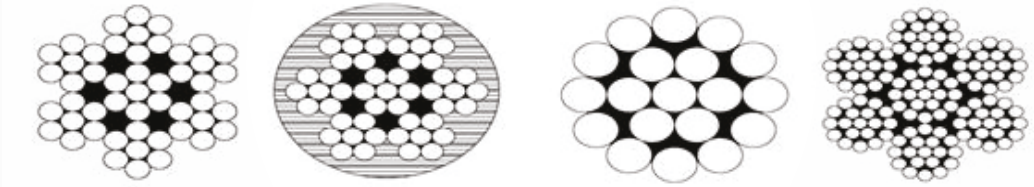
Ölçü	Tel Kalınlığı	En	Boy	Göz Aralığı
mesh	(mm)	(mt)	(mt)	(Mikron)
4	1,00	1,00-1,30-1,50	30	5350
5	1,00	1,00-1,30-1,50	30	4080
6	0,90	1,00-1,30-1,50	30	3333
6	1,00	1,00-1,30-1,50	30	3333
7	0,60	1,00-1,30-1,50	30	3233
7	0,65	1,00-1,30-1,50	30	2979
7	0,80	1,00-1,30-1,50	30	2829
8	0,65	1,00-1,30-1,50	30	2425
8	0,75	1,00-1,30-1,50	30	2425
10	0,60	1,00-1,30-1,50	30	1940
10	0,75	1,00-1,30-1,50	30	1790
12	0,50	1,00-1,30-1,50	30	1616
12	0,57	1,00-1,30-1,50	30	1546
12	0,60	1,00-1,30-1,50	30	1518
12	0,65	1,00-1,30-1,50	30	1516
14	0,47	1,00-1,30-1,50	30	1344
16	0,37	1,00-1,30-1,50	30	1217
16	0,40	1,00-1,30-1,50	30	1187
16	0,47	1,00-1,30-1,50	30	1117
18	0,37	1,00-1,30-1,50	30	1041
18	0,40	1,00-1,30-1,50	30	1011
18	0,47	1,00-1,30-1,50	30	941
20	0,35	1,00-1,30-1,50	30	900
20	0,37	1,00-1,30-1,50	30	900
20	0,40	1,00-1,30-1,50	30	870
20	0,45	1,00-1,30-1,50	30	820
20	0,50	1,00-1,30-1,50	30	770
25	0,25	1,00-1,30-1,50	30	766
25	0,30	1,00-1,30-1,50	30	716
25	0,35	1,00-1,30-1,50	30	666
30	0,27	1,00-1,30-1,50	30	576
30	0,30	1,00-1,30-1,50	30	546
30	0,37	1,00-1,30-1,50	30	476
30	0,40	1,00-1,30-1,50	30	446
35	0,22	1,00-1,30-1,50	30	505
35	0,25	1,00-1,30-1,50	30	475
35	0,28	1,00-1,30-1,50	30	445
40	0,20	1,00-1,30-1,50	30	455
40	0,22	1,00-1,30-1,50	30	415
40	0,25	1,00-1,30-1,50	30	385
50	0,18	1,00-1,30-1,50	30	328
50	0,22	1,00-1,30-1,50	30	288
60	0,14	1,00-1,30-1,50	30	283
70	0,13	1,00-1,30-1,50	30	233
80	0,12	1,00-1,30-1,50	30	197
90	0,10	1,00-1,30-1,50	30	182
100	0,10	1,00-1,30-1,50	30	154
120	0,08	1,00-1,30-1,50	30	131
150	0,06	1,00-1,30-1,50	30	106
180	0,05	1,00-1,30-1,50	30	91
200	0,05	1,00-1,30-1,50	30	74
250	0,04	1,00-1,30-1,50	30	61
300	0,04	1,00-1,30-1,50	30	44
325	0,04	1,00-1,30-1,50	30	43
400	0,03	1,00-1,30-1,50	30	60
500	0,03	1,00-1,30-1,50	30	25
20/110	0,37x0,25	1,00-1,30-1,50	30	110
24/110	0,35X0,25	1,00-1,30-1,50	30	85-90
50/250	0,14X0,11	1,00-1,30-1,50	30	50-55



Paslanmaz Çelik Halat

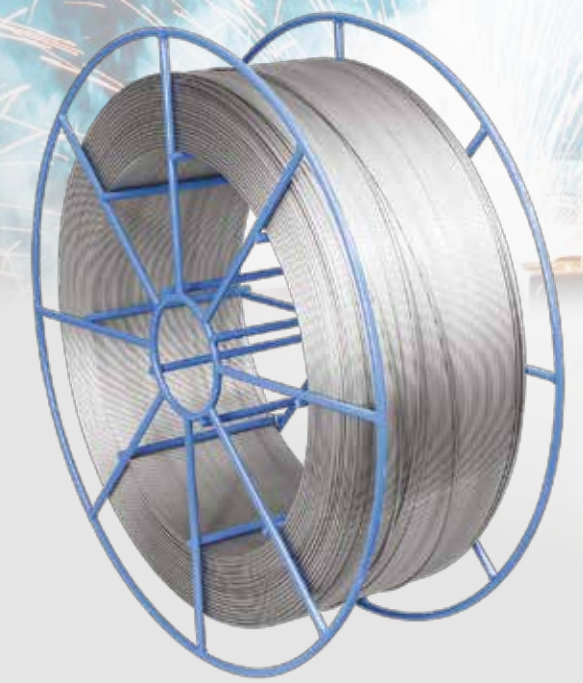
KALİTE	%C	%Si	%Mn	%P	%S	%Ni	%Cr	%Mo
AISI 304	0,1	1	2	0,04	0	8.00-10.50	18.00-20.00	-
AISI 316	0,1	1	2	0,05	0	10.00-14.00	16.00-18.00	-

SARIM TİPLERİ	
7 X 7	7 X 19
1 X 7	1 X 19



Paslanmaz Çelik Kaynak Teli

Yaklaşık Kimyasal Kompozisyonlar							
AISI	C (Max)	Si	Mn	Cr	Ni	Mo (Max)	Diğer
307	0,06	0,82	6,10	19,22	9,10	-	-
308	0,04	0,34	1,82	20,11	10,30	-	-
308L	0,019	0,42	1,65	20,11	10,32	-	-
308LSi	0,022	0,85	1,62	19,91	10,03	-	-
309	0,051	0,42	1,63	23,81	13,12	-	-
309L	0,018	0,35	1,88	23,88	12,87	-	-
309LSi	0,021	0,76	2,35	23,88	13,76		
310	0,086	0,41	2,01	27,36	21,55	-	-
312	0,093	0,38	1,60	30,60	8,70	-	-
316	0,018	0,42	1,91	19,14	12,63	2,53	-
316L	0,048	0,36	1,78	19,58	12,49	2,47	-
316LSi	0,021	0,74	1,62	19,23	12,33	2,31	-
317L	0,021	0,38	1,78	19,62	13,71	3,52	-
318	0,04	0,90	1,20	18,50	12,50	2,60	-
347	0,056	0,41	1,63	20,12	9,87	-	0,68



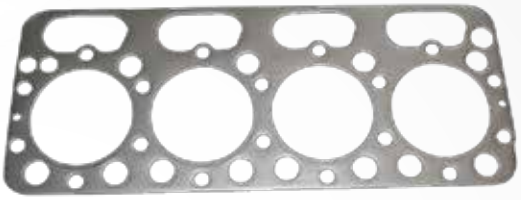
Paslanmaz Çelik Yaylık Sac

AISI	Werkstoff Nr.	C	Si	Mn	P	S	Cr	Ni	Mo
301	1,4310	<0,12	<1,5	<2,0	<0,045	<0,03	16-18	16 - 18	<0,08

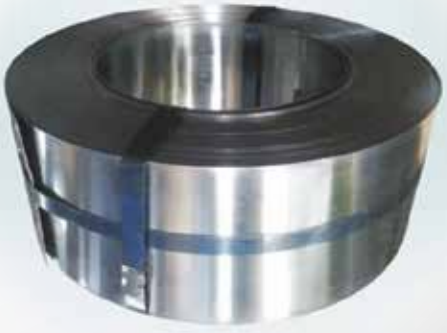
Paslanmaz Çelik Rulo Sac

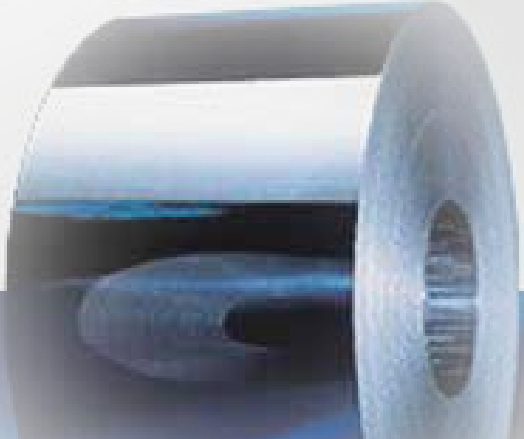
AISI	Werkstoff Nr.	C	Si	Mn	P	S	Cr	Ni	Mo
304	1,4301	<0,07	<1,0	<2,0	<0,045	<0,03	17-19	8,5-10,5	—
316	1,4401	<0,07	<1,0	<2,0	<0,045	<0,03	16,5-18,5	10,5-13,5	2 - 2,5
304L	1,4306	<0,03	<1,0	<2,0	<0,045	<0,03	18-20	10-12,5	
316L	1,4404	<0,03	<1,0	<2,0	<0,045	<0,03	16,5-18,5	Nov-14	2 - 2,5
420	1,4021	0,17-0,25	<1,0	<1,0	<0,045	<0,03	Dec-14	—	—
430	1,4016	<0,08	<1,0	<1,0	<0,045	<0,03	15,5-17,5	—	—

Yüksek Karbonlu Çelik Sac



Standard karşılaştırması						Kimyasal Komposizyon %					
EN 10132	UNI	DIN	AFNOR	BS	SAE/AISI	C	Mn	Si	Cr	Ni	V
C45E	C45	CK 45	XC 45	CS40	1045	0,42-0,50	0,50-0,80	Max 0,40	Max 0,40	Max 0,40	—
C55S	C55	CK 55	XC 55	CS50	1055	0,52-0,60	0,60-0,90	0,15-0,35	Max 0,40	Max 0,40	—
C60S	C60	CK 60	XC 60	CS60	1060	0,57-0,65	0,60-0,90	0,15-0,35	Max 0,40	Max 0,40	—
C67S	C67	CK 67	XC 68	CS70	1070	0,65-0,73	0,60-0,90	0,15-0,35	Max 0,40	Max 0,40	—
C75S	C75	CK 75	XC 75	CS75	1075	0,70-0,80	0,60-0,90	0,15-0,35	Max 0,40	Max 0,40	—
C85S	C85	CK 85	XC 80	CS 80	1086	0,80-0,90	0,40-0,70	0,15-0,35	Max 0,40	Max 0,40	—
C100S	C100	CK 101	XC 100	CS 95	1095	0,95-1,05	0,30-0,60	0,15-0,35	Max 0,40	Max 0,40	—
51CrV4	50CrV4	50CrV4	50CrV4	50CrV4	50CrV4	0,47-0,55	0,70-1,10	Max 0,40	0,90-1,20	Max 0,40	0,10-0,25





Şerit Makineleri

• DS-8-220 • DS-15-220 • DS-25-220 • DS-30-CNC • DS-35-350 • DS-60-450

SPEC \ MODEL		DS-8-220	DS-15-220	DS-25-220	DS-35-350	DS-60-450
MATERIAL	STRIP (MAX.mm)	30ᵂ×1.2ᵗ	40ᵂ×1.6ᵗ	50ᵂ×2.0ᵗ	80ᵂ×2.5ᵗ	100ᵂ×3ᵗ
	WIRE (MAX.mm)	Ø1.5	Ø2.5	Ø6	Ø8	Ø10
FEEDER	FEEDING LENGTH (MAX.mm)	220	220	220	350	450
	FEEDING ACCURACY (mm)	0.01	0.01	0.01	0.01	0.01
PRESS	CAPACITY (TON)	8	10~15	20~25	25~30	50~60
	STROKE (mm)	15	20	20	25	25
	STROKE ADJUSTED (mm)	20	20	25	30	30
	TABLE DIMENSION (mm)	250ᴸ×120ᵂ	380ᴸ×200ᵂ	460ᴸ×240ᵂ	590ᴸ×250ᵂ	900ᴸ×350ᵂ
BENDING	BENDING CAPACITY (TONS/SET)	1~15	1.5~2	2~3.5	3~4.5	5
	STROKE (MAX.mm)	30	40	50	65	85
	SLIDE (MAX.SET)	11	11	11	11	11
BODY	POWER SUPPLY 50/60Hz	220×3ph	220×3ph	220×3ph	220×3ph	220×3ph
	MOTOR POWER (KW.P)	2.2~4	5.5~4	7.5~4	11~4	15~4
	DIMENSION (mm)	850W 1,850L 1,700H	1,050W 2,200L 1,900H	1,200W 2,400L 2,000H	1,300W 3,800L 2,300H	1,300W 4,100L 2,400H
PRODUCT CAPACITY (AT.60Hz, SPM)		0~150	0~120	0~100	0~80	-

DONGSEO

DONGSEO AUTOTECH CO.,LTD.

자동차 부품
Parts for Automobile

전기 부품
Electric Parts

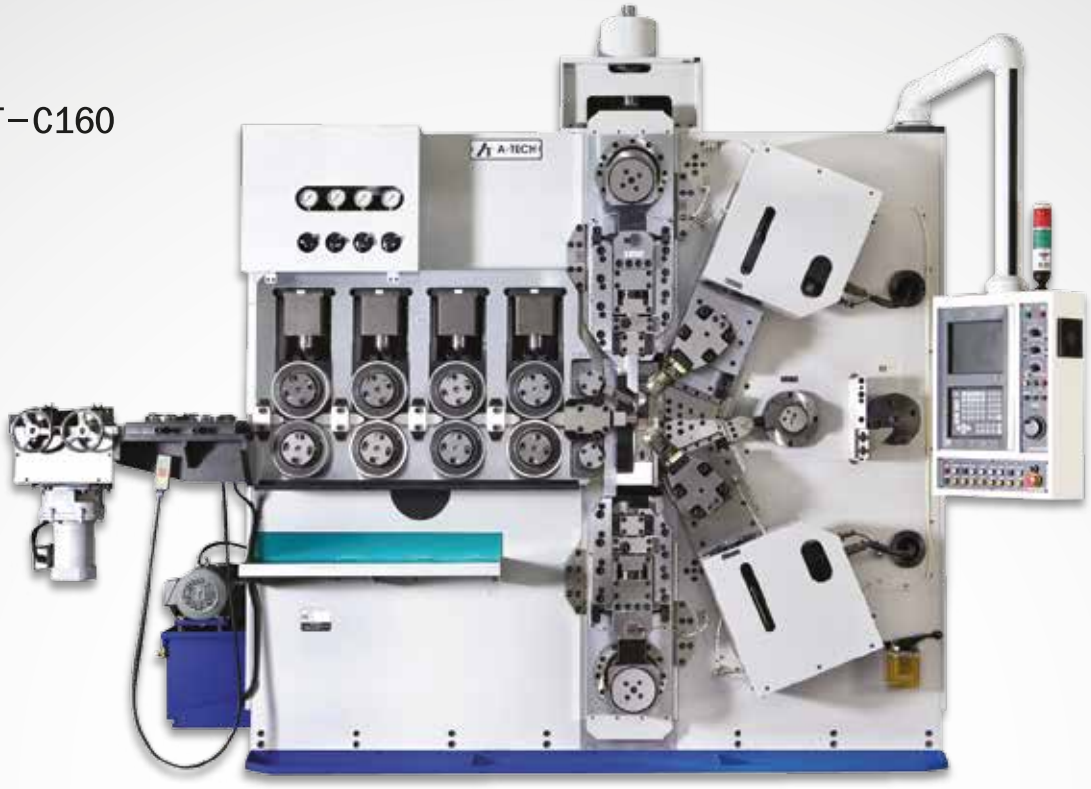
전자 부품
Electronic Parts

건설 · 산업용 부품 · 문구류
Parts for Construction and Industries

ATECH CO.,LTD.

Baskı Yayı Makineleri

AT-C160



AT-C Type Series SPECIFICATIONS 产品展示

MODEL 机型	AT-C30	AT-C50	AT-C80	AT-C100	AT-C120	AT-C160	AT-C200
Axis 轴数	7	7	7	7	7	7	7
Wire Capacity 线径(m/m)	0.8~3.0	2.0~5.0	2.5~8.0	4.0~10.0	5.0~12.0	6.0~16.0	8.0~20.0
Machine Dimension 机械尺寸L×W×H(mm)	1,300×1,350 ×1,800	1,600×1,500 ×1,900	1,600×1,650 ×2,100	1,700×1,800 ×2,200	2,280×2,550 ×2,680	2,280×2,600 ×2,750	2,600×3,000 ×2,800
Weight 机械重量(kg)	1,800	3,500	6,000	9,000	13,000	15,000	18,000

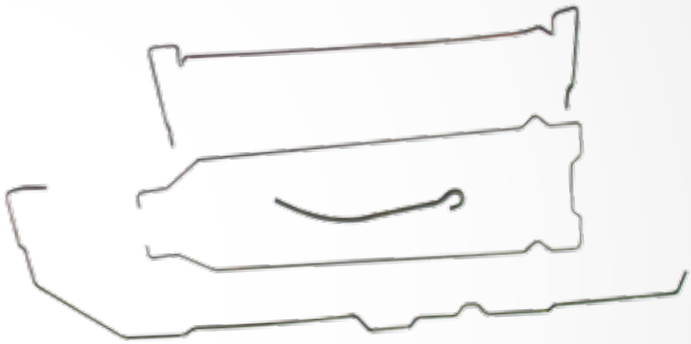
AT-C50

ATECH CO.,LTD.

Tel Bükme Makineleri

AT-THB Type Series

MODEL NO.		AT-THB 60	AT-THB 80
MATERIAL	SOFT WIRE(M/M)	3.0~6.0	4.0~8.0
	HARD WIRE(M/M)	2.0~4.0	2.6~5.0
MACHINE		1600W×5200L×1500H	1800W×6000L×1600H
WEIGHT		4,000KG	5,000KG



AT-SW Type Series

AT-SW Type SPECIFICATIONS 产品展示

MODEL 机型		AT-SW40H	AT-SW70H
Material 材质	Soft wire 软线 (m/m)	2.0~4.0	3.0~7.0
	Hard wire 硬线 (m/m)	1.5~2.6	2.0~4.5
Machine Dimension (H,W,L)机身尺寸		1700×1200×3000	1750×1300×3540
Weight (kg)机械重量		1700	2500

AT-HB Type Series

AT-HB Type SPECIFICATIONS 产品展示

MODEL 机型		AT-HB80	AT-HB100	AT-HB130	AT-HB160
Material 材质	Soft wire diameter 软线(m/m)	3.0~8.0	4.0~10.0	6.0~13.0	6.0~16.0
	Hard wire diameter 硬线(m/m)	2.5~4.0	3.0~6.0	4.0~8.0	4.0~10.0
Machine weight 机械重量(kg)		2,200	2,800	3,200	3,600
Machine Dimension 机身尺寸H×W×D(mm)		1,600×1,250×2,600	1,680×1,350×2,850	1,750×1,600×3,100	1,750×1,600×3,100

ATECH CO.,LTD.

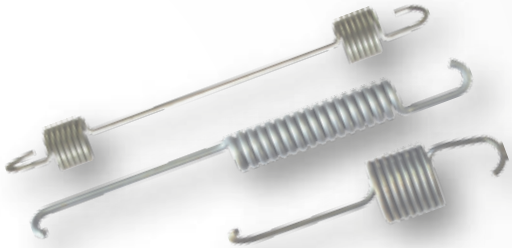
Tel Form Makineleri

AT-S
Type Series

AT-S Type Series SPECIFICATIONS 产品展示

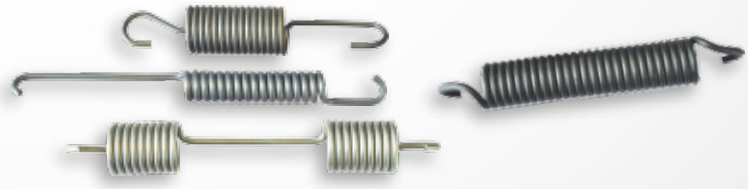
MODEL 机型	AT-S20	AT-S35	AT-S50	AT-S65	AT-S80
Wire Diameter 线径	0.5~2.0m/m	1.2~3.5m/m	2.0~5.0m/m	2.6~6.5m/m	3.5~8.0m/m
Wire Feeding Speed 送线速度	0~80m/Max	0~80m/Max	0~60m/Max	0~60m/Max	0~50m/Max
Dimension 机械尺寸L×W×H(mm)	1,200×1,200 ×1,700	1,400×1,400 ×1,800	1,600×1,500 ×2,000	1,680×1,600 ×2,000	1,800×1,700 ×2,200
Net Weight 净重(kg)	1,500	3,000	4,500	6,500	9,500

AT-TH
Type Series



AT-TH Type Series SPECIFICATIONS 产品展示

	MODEL NO	TH-20	TH-40
Material	Wire diameter(mm)	0.5~2.0	1.6~4.0
	Outside diameter	Max. 50mm	Max. 80mm
Machine	Dimension	1900(H)-1500(W)-1800(D)	2050(H)-1750(W)-2100(D)
	Weight	1500kG	2500kG



AT-M
Type Series

AT-M Type Series SPECIFICATIONS 产品展示

Model	AT-M25	AT-M40	AT-M60
Wire Capacity	Ø 0.4-2.5	Ø 1.0 - 4.0	Ø 2.0 - 6.0
Dimesion(mm)	1,300(W) 1,650(L) 1,750(H)	1,500(W) 2,300(L) 1,950(H)	1,650(W) 2,500(L) 2,100(H)
Weight	1,800Kgs	4,600Kgs	6,000Kgs

KUANG TAI

ATECH CO.,LTD.

DONGSEO

ALTIN KURAL ULUSLARARASI METAL MAKİNE DANIŞMANLIK SANAYİ VE TİCARET ANONİM ŞİRKETİ
Merkez: İnönü Mah. Kayışdağı Cad. Gök Plaza No:202/3 34755 Ataşehir/İstanbul/Turkiye
Tel:(0216) 577 54 40 Fax:(0216) 577 84 40

info@altinkuralmetal.com
www.altinkural.com