DIRECT FASTENING SYSTEM
FIXPISTOLS

DİREKT TESPİT SİSTEMLERİ

01 FIXPISTOLS

BARUTLU DİREKT TESPİT SİSTEMLERİ

	WALTE PT355 güç kontrollü	1-1-1-6176	-BARUT KARTUŞLARI: **F-K** -ÇİVİLER: D<8mm, L< 62mm
	WALTE PT370	1-1-1-4973	
	WALTE PT274 güç kontrollü	1-1-1-4751	
	WALTE CT655 ara uzatma ile çalışma imkanı	1-1-1-4768	
	WALTE PT276 tam otomatik	1-1-1-2153	-BARUT KARTUŞLARI: F-K -ÇİVİLER: F-DNC L< 72mm
	WALTE PT450 güç kontrollü	1-1-1-5025	-BARUT KARTUŞLARI: **F-K** -ÇİVİLER: D<12mm,L< 80mm
	WALTE PT60 güç kontrollü	1-1-1-1401	-BARUT KARTUŞLARI: **F-K** -ÇİVİLER: D<8mm, L< 60mm
	WALTE PT251	1-1-1-0173	-BARUT KARTUŞLARI: **F-C** -ÇİVİLER: D<8mm, L< 72mm
	WALTE PT710	1-1-1-4607	-TABANCASI İÇİN KARTUŞ: **F-D** -ÇİVİLER: D<12mm, L< 80mm
	GFT5	1-1-1-4348	

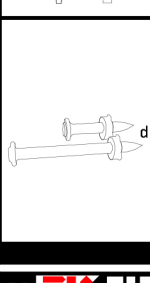
BARUT KARTUŞLARI

	F-D1(yeşil)	1-1-2-6060	-**WALTE PT710**, ПЦ-84, **GFT-5**
	F-D2(sarı)	1-1-2-6077	
	F-D3(mavi)	1-1-2-6084	
	F-D4(kırmızı)	1-1-2-6091	
	F-D5(siyah)	1-1-2-6107	
	F-C0 (beyaz)	1-1-2-5957	-**WALTE PT251**, GFT307, Hilti E72
	F-C1(yeşil)	1-1-2-5964	
	F-C2(sarı)	1-1-2-5971	
	F-C3(mavi)	1-1-2-5988	
	F-C4(kırmızı)	1-1-2-5995	
	F-C5(siyah)	1-1-2-6008	
	F-DK3(sarı)	1-1-2-6114	-**WALTE PT60**, GNP700C
	F-DK4(kırmızı)	1-1-2-6121	
	F-DK5(siyah)	1-1-2-6138	
	F-K2(kahverengi)	1-1-2-6015	-çoğu model için **WALTE**, Hilti, GFT ...
	F-K3(yeşil)	1-1-2-6022	
	F-K4(sarı)	1-1-2-6039	
	F-K5(kırmızı)	1-1-2-6046	
	F-K6(siyah)	1-1-2-6053	

Barut kartuşları, kullanılan tabanca tipi dikkate alınarak seçilir.
Güç kontrolü, tabanın sertliği dikkate alınarak seçilir. Ne kadar güçlüyse, o kadar güçlü barut gerekir. Güç göstergeleri, kartuşa uygulanan renkli bir işaretle belirtilir. Ayrıca, uygulanacak yalıtım malzeme türü, çivilerin çapı ve uzunluğu da önemlidir. Yapılan işin güvenliği ve hızı doğru barut kartuş seçimine bağlıdır.

N-min (beyaz) (kahverengi) (yeşil) (sarı) (mavi) (kırmızı) (siyah) N-max

BARUTLU DİREKT TESPİT MAKİNELERİ İÇİN ÇİVİ

d 3,7	**F-EDN 16 metal için**	1-1-3-2238	-**WALTE PT355/ PT370/PT 274/ PT251/CT655/PT60**, GNP360, Hilti DX5F8/ 460F8/ DX2/ DXE72
	F-EDN 19 metal için	1-1-3-5902	
 d 3,7	**F-DN 27 ÇOK AMAÇLI**	1-1-3-5650	
	F-DN 32 ÇOK AMAÇLI	1-1-3-5667	
	F-DN 37 ÇOK AMAÇLI	1-1-3-5674	
	F-DN 42 ÇOK AMAÇLI	1-1-3-5681	
	F-DN 47 ÇOK AMAÇLI	1-1-3-5704	
	F-DN 52 ÇOK AMAÇLI	1-1-3-5728	
	F-DN 57 ÇOK AMAÇLI	1-1-3-5735	
	F-DN 62 ÇOK AMAÇLI	1-1-3-0258	
	F-DN 72 ÇOK AMAÇLI	1-1-3-0241	

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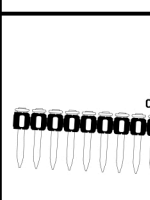
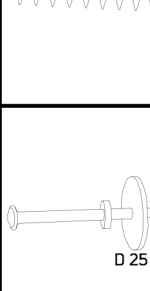
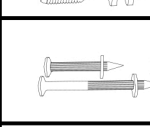
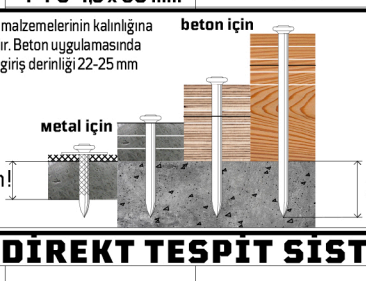
d 4,0	**F-DNP 47**	1-1-3-5360	-**WALTE PT355/PT370/PT 274/ PT251/CT655/PT60**, GNP360, Hilti DX5F8/460F8/DX2/DXE72
	F-DNP 52	1-1-3-5384	
	F-DNP 62	1-1-3-5391	
 d 4,0	**F-DNC 16 ŞERİTLİ ÇİVİ**	1-1-3-5278	-**WALTE PT276**, GNP700C, Hilti DX5MX72/460 MX72
	F-DNC 19 ŞERİTLİ ÇİVİ	1-1-3-5285	
	F-DNC 22 ŞERİTLİ ÇİVİ	1-1-3-5766	
	F-DNC 27 ŞERİTLİ ÇİVİ	1-1-3-5773	
	F-DNC 32 ŞERİTLİ ÇİVİ	1-1-3-5780	
	F-DNC 37 ŞERİTLİ ÇİVİ	1-1-3-5292	
	F-DNC 42 ŞERİTLİ ÇİVİ	1-1-3-5308	
	F-DNC 47 ŞERİTLİ ÇİVİ	1-1-3-5803	
	F-DNC 52 ŞERİTLİ ÇİVİ	1-1-3-5810	
	F-DNC 57 ŞERİTLİ ÇİVİ	1-1-3-5827	
	F-DNC 62 ŞERİTLİ ÇİVİ	1-1-3-5315	
	F-DNC 72 ŞERİTLİ ÇİVİ	1-1-3-5322	
 d 3,7 D 25	**F-DNW 22 ÇELİK PULLU ÇİVİLER**	1-1-3-5834	-**WALTE PT355/PT370/ PT274/PT251/CT655/ PT60**, GNP360, Hilti DX5F8/ 460F8/DX2/DXE72
	F-DNW 27 ÇELİK PULLU ÇİVİLER	1-1-3-5841	
	F-DNW 32 ÇELİK PULLU ÇİVİLER	1-1-3-5858	
	F-DNW 37 ÇELİK PULLU ÇİVİLER	1-1-3-5865	
	F-DNW 42 ÇELİK PULLU ÇİVİLER	1-1-3-5872	
	F-DNW 47 ÇELİK PULLU ÇİVİLER	1-1-3-5889	
	F-DNW 52 ÇELİK PULLU ÇİVİLER	1-1-3-5896	
	F-DNW 57 ÇELİK PULLU ÇİVİLER	1-1-3-5339	
	F-DNW 62 ÇELİK PULLU ÇİVİLER	1-1-3-5346	
	F-DNW 67 ÇELİK PULLU ÇİVİLER	1-1-3-5353	
d 3,7 D 12	**F-NK 52 ÇELİK PULLU ÇİVİLER**	1-1-3-5940	-**WALTE PT450V**
Ø 4,0	**F-ENP8**	1-1-3-5926	-**WALTE PT355/PT370/PT 274/ PT251/CT655/PT60**, GNP360, Hilti DX5F8/460F8/DX2/ DXE72
	F-M8-20-12 DEMİR İÇİN	1-1-3-3280	-**WALTE 450v/PT 710**
	F-M8-20-32 BETON İÇİN	1-1-3-3372	
 Ø 4,5	**F-PC 4,5 x 30 mm**	2-1-3-0203	-**WALTE PT 710**, GFT5, ПЦ 84
	F-PC 4,5 x 40 mm	2-1-3-0210	
	F-PC 4,5 x 50 mm	2-1-3-0227	
	F-PC 4,5 x 60 mm	2-1-3-0234	

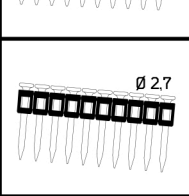
Çivi seçimi, yapıştırılan yalıtım malzemelerinin kalınlığına ve tabanın sağlamlığına bağlıdır. Beton uygulamasında güvenilir sabitleme için çivinin giriş derinliği 22-25 mm olmalıdır.
Metal uygulamasında sabitleme için tabanın kalınlığı en az 6 mm olmalıdır.



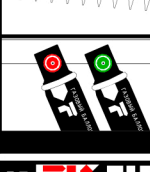
GAZLI DİREKT TESPİT SİSTEMLERİ

	FIXA FGT-95	1-2-1-1187	-MAKİNELERİ İÇİN ÇİVİ d 2.7 – 3.0 mm L 16 – 38 mm. -İZOLASYON TESPİT ELEMANI -GAZ TÜPÜ

GAZLI DİREKT TESPİT MAKİNELERİ İÇİN ÇİVİ

Ø 3,0	**F-CN 16**	1-2-3-5117	-GAZ ÇİVİLEYİCİ İÇİN **FIXA FGT-95**, GSN40B, GSN50E, GSNF1, GSN65, GSR40, LXJG-1, LXJG-1+
	F-CN 19	1-2-3-5124	
	F-CN 22	1-2-3-5148	
	F-CN 25	1-2-3-5155	
	F-CN 32	1-2-3-5179	
	F-CN 38	1-2-3-5186	
 Ø 2,7	**F-CNS 16**	1-2-3-5032	-GAZ ÇİVİLEYİCİ İÇİN **FIXA FGT-95**, GSN40B, GSN50E, GSNF1, GSN65, GSR40, LXJG-1, LXJG-1+
	F-CNS 19	1-2-3-5049	
	F-CNS 22	1-2-3-5056	
	F-CNS 25	1-2-3-5063	
	F-CNS 30	1-2-3-5070	
	F-CNS 32	1-2-3-5087	
	F-CNS 38	1-2-3-5094	

GAZ TUPU

	**F-FC-165** kırmızı	1-2-2-0371	-**FIXA FGT-95/ FGT130IE**, GSN40B, GSN40BST, GSN40D, GSN50E, GSNF1, GFN3490CH
	F-FC-165 yeşil	1-2-2-2955	-GSN65, GSN65D, GSN65+, LXJG-4

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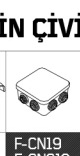
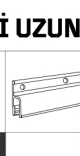
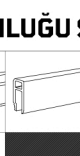
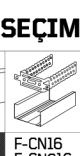
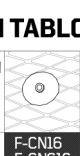
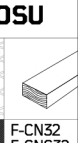
BAĞLANTI ELEMANLARI

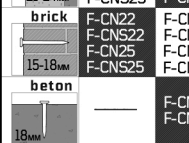
BUAT KUTULARI, KABLO KELEPÇESİ			-**FIXA FGT-95**, GSR40, GSN50E, GSNF1, LXJG-1E
BORU KROŞESİ	**F-CPE 16**	2-2-4-4614	
	F-CPE 20	2-2-4-4621	
	F-CPE 25	2-2-4-4638	
	F-CPE 32	2-2-4-4645	
	F-CPE 40	2-2-4-4652	
KABLO BAĞI TUTUCUSU	**F-CPE 50**		
	F-CTE(чер.)/ F-CTE(сер.)	1-2-4-124 / 2-2-4-4720	
METAL BORU KROŞESİ	**F-CM16**	2-2-4-0265	
	F-CM20	2-2-4-6930	
	F-CM21	2-2-4-0272	
	F-CM25	2-2-4-3082	
	F-CM19-20 geniş	2-2-4-2316	
	F-CM25-26 geniş	2-2-4-2347	
DELİKLİ ÇELİK BANT	20x0,45 25M	1-2-5-3297	
BEZ BANT	20x0,50 25M	1-2-4-147	
	20x1,0 50M	1-2-4-148	
ÇELİK PUL	**F-SW20**	2-2-4-0718	
	F-SW25	2-2-4-0701	
PLASTİK RONDELO			

GAZLI TABANCALAR İÇİN ÇİVİ UZUNLUĞU SEÇİM TABLOSU

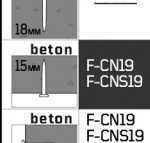
									
metal 3-6мм	F-CN19 F-CNS19 F-CN22 F-CNS22	F-CN16 F-CNS16 F-CN19 F-CNS19	F-CN16 F-CNS16 F-CN19 F-CNS19	F-CN19 F-CNS19 F-CN22 F-CNS22	——	——	F-CN16 F-CNS16 F-CN19 F-CNS19	F-CN16 F-CNS16 F-CN19 F-CNS19	F-CN32 F-CNS32 F-CN38 F-CNS38
aerocrete 31-35мм	F-CN38 F-CNS38	F-CN38 F-CNS38	F-CN38 F-CNS38	F-CN38 F-CNS38	——	——	F-CN38 F-CNS38	F-CN38 F-CNS38	——
plaster 21-24мм	F-CN22 F-CNS22 F-CN25 F-CNS25	F-CN19 F-CNS19 F-CN22 F-CNS22	F-CN22 F-CNS22 F-CN25 F-CNS25	F-CN22 F-CNS22 F-CN25 F-CNS25	F-CN19 F-CNS19 F-CN22 F-CNS22	F-CN32 F-CNS32 F-CN38 F-CNS38	F-CN19 F-CNS19 F-CN22 F-CNS22	F-CN19 F-CNS19 F-CN22 F-CNS22	F-CN32 F-CNS32 F-CN38 F-CNS38
brick 15-18мм	F-CN22 F-CNS22 F-CN25 F-CNS25	F-CN19 F-CNS19 F-CN22 F-CNS22	F-CN19 F-CNS19 F-CN22 F-CNS22	F-CN22 F-CNS22 F-CN25 F-CNS25	F-CN19 F-CNS19 F-CN22 F-CNS22	F-CN32 F-CNS32 F-CN38 F-CNS38	F-CN19 F-CNS19 F-CN22 F-CNS22	F-CN19 F-CNS19 F-CN22 F-CNS22	F-CN32 F-CNS32 F-CN38 F-CNS38
beton 18мм	——	F-CN19 F-CNS19	F-CN19 F-CNS19	——	——	——	F-CN19 F-CNS19	——	F-CN32 F-CNS32 F-CN38 F-CNS38
beton 15мм	F-CN19 F-CNS19	F-CN16 F-CNS16	F-CN16 F-CNS16	——	——	——	F-CN16 F-CNS16	F-CN16 F-CNS16	F-CN25 F-CNS25 F-CN32 F-CNS32
beton 15-18мм	F-CN19 F-CNS19 F-CN22 F-CNS22	F-CN16 F-CNS16 F-CN19 F-CNS19	F-CN16 F-CNS16 F-CN19 F-CNS19	F-CN19 F-CNS19 F-CN22 F-CNS22	F-CN16 F-CNS16 F-CN19 F-CNS19	F-CN25 F-CNS25 F-CN32 F-CNS32	F-CN16 F-CNS16 F-CN19 F-CNS19	F-CN16 F-CNS16 F-CN19 F-CNS19	F-CN32 F-CNS32 F-CN38 F-CNS38

04 FIXPISTOLS

AKÜLÜ DİREKT TESPİT MAKİNELERİ İÇİN ÇİVİ

d 3,0	**F-BX3 14**	1-4-3-5209	-Hilti BX 3
	F-BX3 17	1-4-3-5216	
	F-BX3 20	1-4-3-6909	
	F-BX3 24	1-4-3-5230	
 d 3,0	**F-DW 16**	1-2-3-6763	-Dewalt DCN 890 N
	F-DW 17	1-2-3-6770	
	F-DW 22	1-2-3-6787	
	F-DW 27	1-2-3-6794	
	F-DW 32	1-2-3-6800	
	F-DW 38	1-2-3-6817	
	F-DW 48	1-2-3-6824	
	F-DW 57	1-2-3-6831	

İZALASYON MONTAJI

	**FIXA FGT-130IE**	1-2-1-2856	-İZOLASYON TESPİT ELEMANI -GAZ TÜPÜ
	WALTE PT950 IE	1-1-1-6183	-BARUT KARTUŞLARI: **F-K** - İZOLASYON DÜBELLERİ 20-200 MM

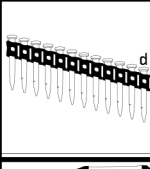
ISI YALITIM DUBELLERİ

D 50 **çivisiz** (beton ve tuğla için)	**F-IS 20/50**	2-1-6-1111	-**FIXA FGT-95**
	F-IS 25/50	2-2-6-2910	
	F-IS 30/50	2-1-6-1104	
D 50 (beton ve tuğla için)	**F-INS 20/50**	3-2-6-3884	-**FIXA FGT95**(50 mm'YE KADAR)/ /**FGT130IE**, GSN40D, GSN65D, GSN65+, LXJG-4
	F-INS 25/50	3-2-6-3891	
	F-INS 30/50	3-2-6-3907	
	F-INS 50/50	3-2-6-3914	
	F-INS 100/50	3-2-6-3921	
"ECO" **D 60** (beton ve tuğla için)	**F-IN 50/60**	2-1-6-3112	-**FIXA FGT95**(50 mm'YE KADAR)/ /**FGT130IE**, **WALTE PT 950 IE**/ /**PT 274 IE**, GSN40D, GSN65D, GSN65+, LXJG-4
	F-IN 60/60	2-1-6-1326	
	F-IN 70/60	2-2-6-2927	
	F-IN 80/60	2-2-6-2934	
	F-IN 90/60	2-2-6-2941	
	F-IN 100/60	2-1-6-3129	
	F-IN 110/60	2-2-6-2958	
	F-IN 120/60	2-1-6-1333	
	F-IN 130/60	2-2-6-2965	
	F-IN 140/60	2-2-6-2972	
	F-IN 150/60	2-1-6-3136	
	F-IN 160/60	2-2-6-2989	
	F-IN 170/60	2-2-6-3061	
	F-IN 180/60	2-1-6-1340	
	F-IN 200/60	2-2-6-3085	
"TS" **D 50** (beton ve tuğla için)	**F-IN 20/50**	2-2-6-2453	-**FIXA FGT95/FGT130IE**, GSN40D, GSN65D, GSN65+, LXJG-4
	F-IN 25/50	2-2-6-2484	
	F-IN 30/50	2-1-6-1319	
	F-IN 35/50	2-2-6-2491	
	F-IN 40/50	2-2-6-2504	
"TS" **D 60** (beton ve tuğla için)	**F-IN 50/60**	2-2-6-2415	-**FIXA FGT95**(50 mm'YE KADAR)/ /**FGT130IE**, **WALTE PT 950 IE**/ /**PT 274 IE**, GSN40D, GSN65D, GSN65+, LXJG-4
	F-IN 60/60	2-2-6-2514	
	F-IN 70/60	2-2-6-2521	
	F-IN 80/60	2-2-6-2538	
	F-IN 90/60	2-2-6-2545	
	F-IN 100/60	2-2-6-2392	
	F-IN 110/60	2-2-6-2552	
	F-IN 120/60	2-2-6-2569	
	F-IN 130/60	2-2-6-2576	
	F-IN 140/60	2-2-6-2583	
	F-IN 150/60	2-2-6-2408	
	F-IN 160/60	2-2-6-2590	
	F-IN 170/60	2-2-6-2606	
	F-IN 180/60	2-2-6-2613	
	F-IN 200/60	2-2-6-2620	
"TS" (BETON İÇİN, BARUTLU DİREKT TESPİT MAKİNELERİ İÇİN) **D 60**	**F-INP 50/60**	2-1-6-2798	-**WALTE PT 950 IE**/ **PT 274 IE**, Hilti DX5 IE/DX460IE
	F-INP 60/60	2-1-6-2804	
	F-INP 70/60	2-1-6-2811	
	F-INP 80/60	2-1-6-2828	
	F-INP 90/60	2-1-6-2835	
	F-INP 100/60	2-1-6-1418	
	F-INP 110/60	2-1-6-2842	
	F-INP 120/60	2-1-6-2859	
	F-INP 130/60	2-1-6-2866	
	F-INP 140/60	2-1-6-2873	
	F-INP 150/60	2-1-6-1425	
	F-INP 160/60	2-1-6-2880	
	F-INP 170/60	2-1-6-2897	
	F-INP 180/60	2-1-6-2903	
	F-INP 200/60	2-1-6-1432	

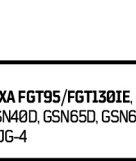
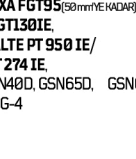
05 FIXPISTOLS

"TS" (gazlı beton için) **D 60**	**F-ING 20/60**	2-2-6-2637	-**FIXA FGT95**(50 mm'YE KADAR)/ /**FGT130IE**, GSN40D, GSN65D, GSN65+, LXJG-4
	F-ING 25/60	2-2-6-2644	
	F-ING 30/60	2-2-6-2651	
	F-ING 35/60	2-2-6-2996	
	F-ING 40/60	2-2-6-2668	
	F-ING 50/60	2-2-6-2675	
	F-ING 60/60	2-2-6-2682	
	F-ING 70/60	2-2-6-2699	
	F-ING 80/60	2-2-6-2705	
	F-ING 90/60	2-2-6-2712	
	F-ING 100/60	2-2-6-2385	
	F-ING 110/60	2-2-6-2729	
	F-ING 120/60	2-2-6-2736	
	F-ING 130/60	2-2-6-2743	
	F-ING 140/60	2-2-6-2378	
	F-ING 150/60	2-2-6-2422	
	F-ING 160/60	2-2-6-2750	
	F-ING 170/60	2-2-6-2767	
	F-ING 180/60	2-2-6-2774	
	F-ING 200/60	2-2-6-2781	

ELEKTRİKLİ ŞERİT VİDA TABANCASI

	**FIXA CD726**	1-3-1-5582	-alçıpan şerit vidaları için
50 adet GKL/profil	**F-SMP 3,5x25**	1-1-3-5421	-**FIXA CD726**, Hilti, Dewalt, Bosch, Makita, Milwaukee и др.
	F-SMP 3,5x35	1-1-3-5469	
	F-SMP 3,5x45	1-1-3-5490	
	F-SMP 3,5x55	1-1-3-5520	
50 adet GKL/ahşap	**F-SWP 3,5x25**	1-3-3-5438	
	F-SWP 3,5x35	1-3-3-5452	
	F-SWP 3,5x45	1-3-3-5483	
	F-SWP 3,5x55	1-3-3-5513	
50 adet GKL/ahşap	**F-SWY 3,5x25**	2-3-3-7333	
	F-SWY 3,5x32	2-3-3-7340	
	F-SWY 3,5x45	2-3-3-7357	
50 adet GVL/profil	**F-SFP 3,9x25**	1-3-3-5537	
	F-SFP 3,9x35	1-3-3-5544	
	F-SFP 3,9x45	1-3-3-5551	
50 adet ahşap uygulamaları	**F-STY 4,2x41**	1-3-3-7319	
	F-STY 4,2x55	1-3-3-7326	
50 adet GSP/ profil	**F-SXP 3,5x25**	2-3-3-3150	
	F-SXP 3,5x35	2-3-3-3167	

AHŞAP ÇİVİ UYGULAMALARI

pürüzlü kağıda dizili çiviler 34°	**F-D34 2,87x50**	2-2-3-2023	
	F-D34 3,05x70	2-2-3-2030	
	F-D34 3,05x90	2-2-3-2047	
	F-D34 2,87x50 galvaniz	2-2-3-2054	
	F-D34 3,05x70 galvaniz	2-2-3-2061	
	F-D34 3,05x90 galvaniz	2-2-3-2078	
kağıda dizili çiviler 34°	**F-D34 3,05x90**	2-2-3-2092	
	F-D34 3,05x90 galvaniz	2-2-3-2108	
kağıda dizili çiviler (sonlama) 34°	**F-DA 1,8x25 galvaniz**	2-2-3-3198	
	F-DA 1,8x38 galvaniz	2-2-3-3204	
	F-DA 1,8x50 galvaniz	2-2-3-3211	
	F-DA 1,8x57 galvaniz	2-2-3-3228	
	F-DA 1,8x64 galvaniz	2-2-3-3235	
18 GA brad çiviler	**F-FBF 1x1,25x25 galvaniz**	2-2-3-3242	
	F-FBF 1x1,25x32 galvaniz	2-2-3-3259	
	F-FBF 1x1,25x38 galvaniz	2-2-3-3266	
	F-FBF 1x1,25x50 galvaniz	2-2-3-3273	
plastiğe dizili çiviler 21°	**F-D21 2,87x50 galvaniz**	2-2-3-6947	
	F-D21 3,05x70 galvaniz	2-2-3-6954	
	F-D21 3,05x90 galvaniz	2-2-3-6961	
	F-D21 3,05x100 galvaniz	2-2-3-1828	
	F-D21 3,05x130 galvaniz	1-1-2-1835	
tele dizili palet rulo çiviler	**F-RN15 3,05x22 galvaniz**	2-2-3-1941	
	F-RN15 3,05x25 galvaniz	2-2-3-1958	
	F-RN15 3,05x32 galvaniz	2-2-3-1965	
	F-RN15 3,05x38 galvaniz	2-2-3-1972	
	F-RN15 3,05x45 galvaniz	2-2-3-1989	