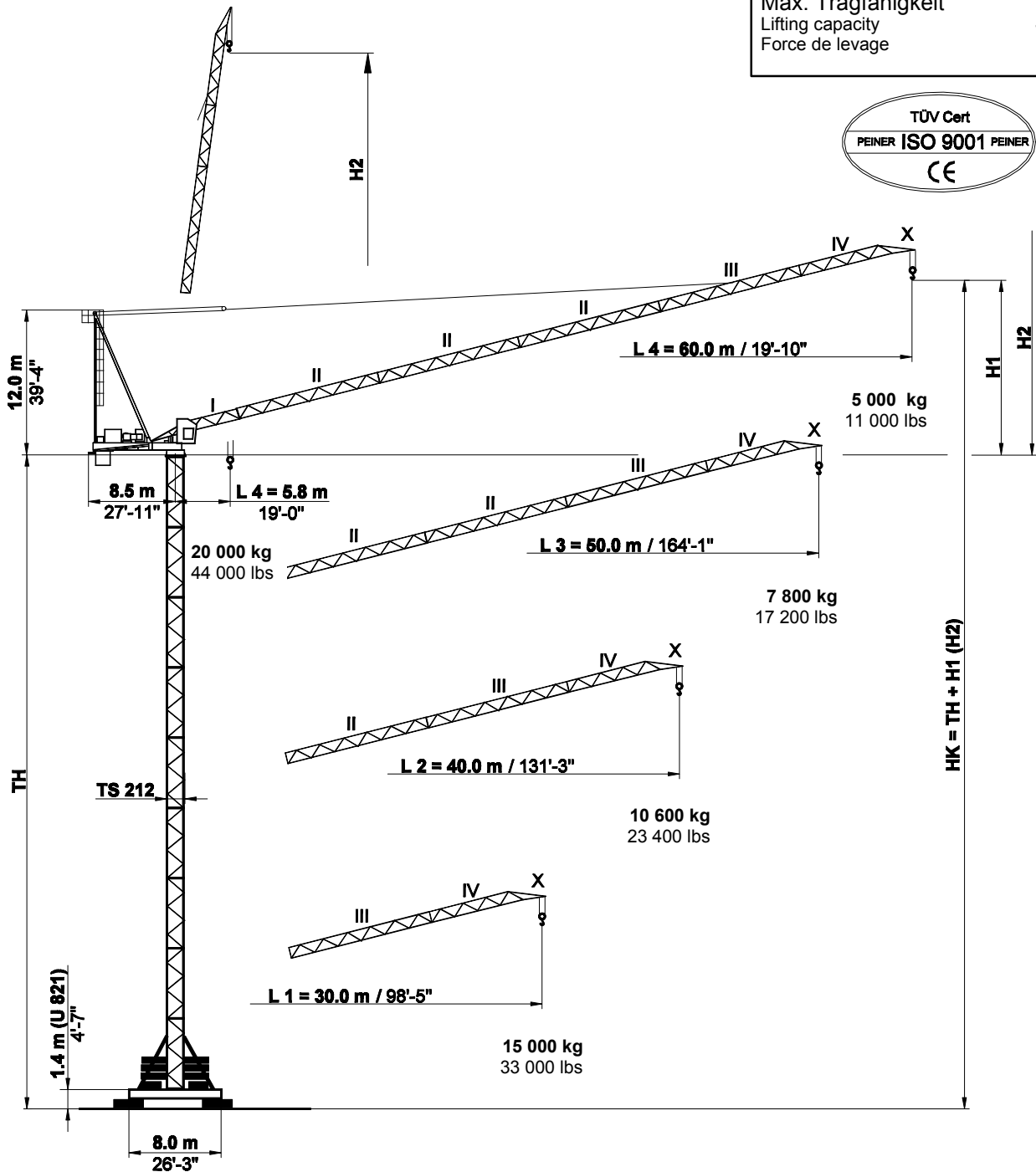
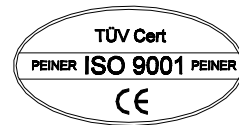


PEINER SN 406

FEM 1001/3	A3
Max. Tragfähigkeit Lifting capacity Force de levage	20.0 t 44 000 lbs

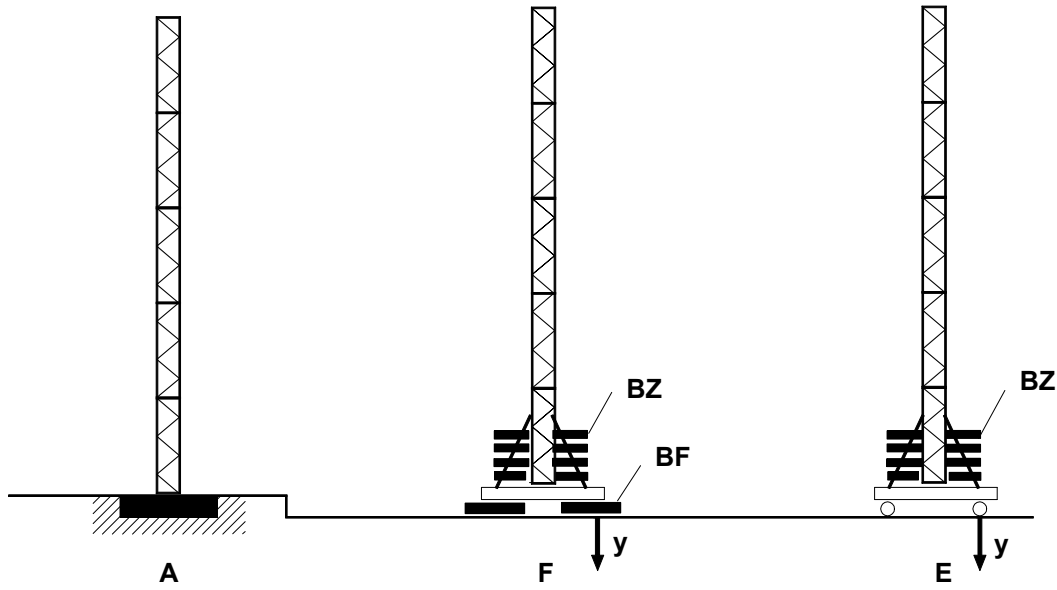


Unsere Vertretung:
Our representative:
Notre représentant:

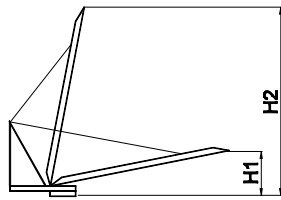
SN 406

Turmkombinationen, Hakenhöhen, Eckkräfte, Zentralballast

Combinations of tower section, hook heights, forces acting per corner, base ballast
 Combinations possibles et hauteur sous crochet, pressions par coin, contropoids central

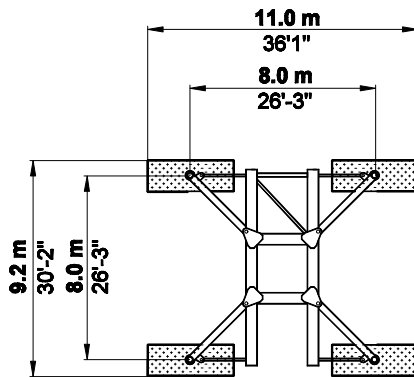


Version:

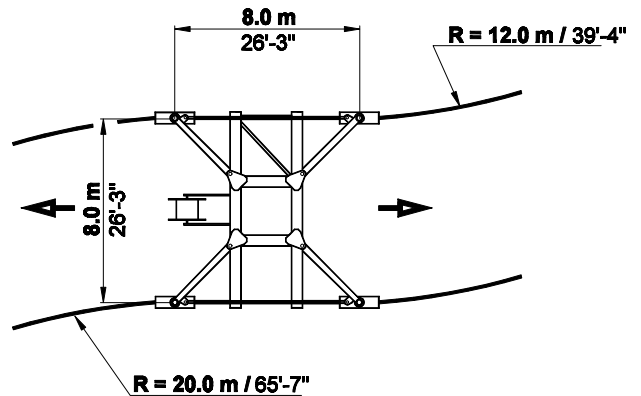


Hakenhöhe HK = Turmhöhe TH + H1 (= TH + H2) Hook height HK = Tower height TH + H1 (= TH + H2) Hauteur de crochet HK = Hauteur de tour TH + H1 (= TH + H2)				
	L 1	L 2	L 3	L 4
H1	6.1 m 20'-0"	9.1 m 29'-10"	12.1 m 39'-8"	15.1 m 49'-6"
H2	25.1 m 82'-4"	36.0 m 118'-1"	45.9 m 150'-7"	55.8 m 183'-1"

U 821



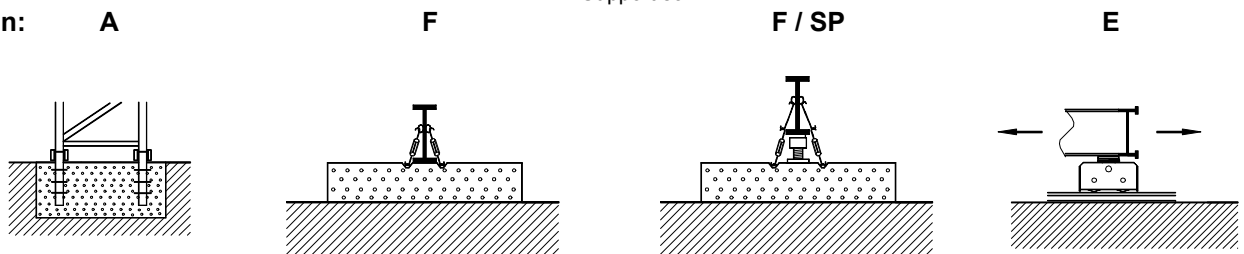
UF 821



Bodenauflagen

Ground support
 Support sol

Version:

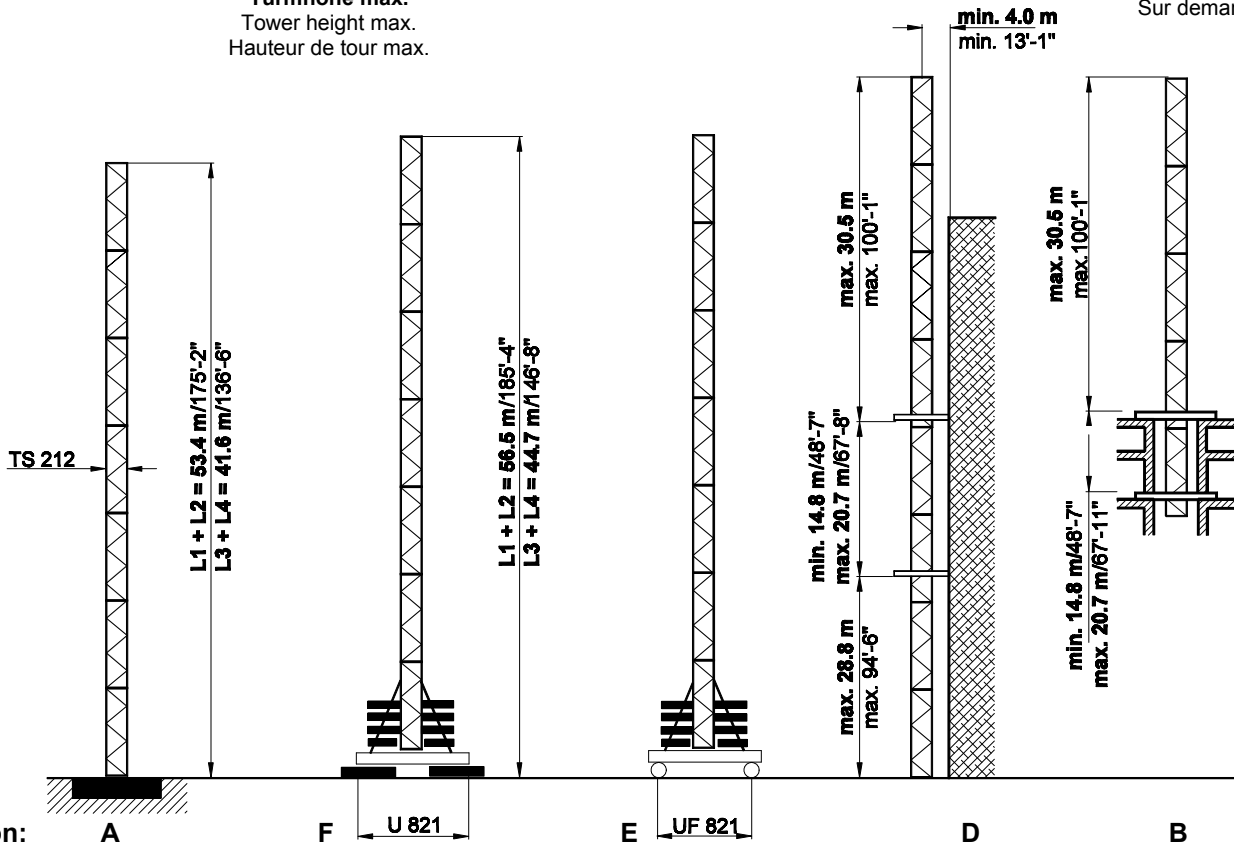


SN 406 Turm / Tower / Tour TS 212

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Turmhöhe max.
Tower height max.
Hauteur de tour max.

Auf Anfrage
On request
Sur demande



Version:

A

F

E

D

B

TS 212	Version A	Version F					Version E				
Turm Tower, Tour TS 212.1	TH m	Turm Tower, Tour TSV 212.1 TS 212.1	TH m	BZ + BF t/kips	i.B. kN/kips	y kN/kips	a.B. kN/kips	BZ t/kips	i.B. kN/kips	y kN/kips	a.B. kN/kips
9 x TS 212.1	53.4 175'-2"	1 x TSV 212.1 8 x TS 212.1	56.5 185'-4"								
8 x TS 212.1	47.5 156'-10"	1 x TSV 212.1 7 x TS 212.1	50.6 166'-0"								
7 x TS 212.1	41.6 136'-6"	1 x TSV 212.1 6 x TS 212.1	44.7 147'-8"								
6 x TS 212.1	35.7 117'-2"	1 x TSV 212.1 5 x TS 212.1	38.8 127'-4"								
5 x TS 212.1	29.8 98'-9"	1 x TSV 212.1 4 x TS 212.1	32.9 108'-11"								
4 x TS 212.1	23.9 78'-5"	1 x TSV 212.1 3 x TS 212.1	27.0 89'-7"								
3 x TS 212.1	18.0 59'-1"	1 x TSV 212.1 2 x TS 212.1	21.1 69'-3"								
2 x TS 212.1	12.1 40'-8"	1 x TSV 212.1 1 x TS 212.1	15.2 50'-10"								
1 x TS 212.1	6.2 20'-4"	1 x TSV 212.1	9.3 31'-6"								
Fundament Foundation Fondation				Unterwagen Stationary base Châssis fixe U 821			Unterwagen, kurvenfahrbar Railgoing base Châssis roulant UF 821				
Fundamentfüße Fixing angles Ancres de fondation 4 x FF 212				BF 4 x 6.0 t 4 x 13.22 kips		BZ Block 6.6 t block 14.55 kips		Fahrschemel / bogie Kurve / curve / courbe F 500			



*nur bei L3 und L4; only at L3 and L4, seulement pour L3 et L4

TS 212.1 = 5.9 m / 19'-4 1/4"




TSV 212.1 = 7.9 m / 25'-11"


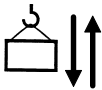












SN 406 Ausladung und Tragfähigkeit / Radius and capacity / Portée et charge

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Ausleger Boom Flèche m	Max. Tragfähig- keit max. capacity charge max.	Ausladung (m) und Tragfähigkeit (t) Radius (m) and capacity (t / kips) Portée (m) et charge (t / kips)																1 ft = 304.8 mm
		20.0	23.0	25.0	30.0	31.4	35.0	39.5	40.0	42.5	45.0	47.5	50.0	52.5	55.0	57.5	60.0	
		 20.0 t / 44 000 lbs																
L4 60.0																		
L3 50.0																		
L2 40.0	3.2 m - 22.0 m	20.0 44.0	19.1 42.1	17.5 38.6	14.4 31.7	13.7 30.2	12.2 26.9	10.7 23.6	10.6 23.4									
L1 30.0	2.0 m - 23.0 m	20.0 44.0	20.0 44.0	18.2 40.1	15.0 33.0													
		 10.0 t / 22 000 lbs																
L4 60.0	5.8 m - 31.4 m	10.0 22.0	10.0 22.0	10.0 22.0	10.0 22.0	10.0 22.0	8.9 19.6	7.8 17.2	7.7 17.0	7.2 15.9	6.8 15.0	6.4 14.1	6.1 13.4	5.8 12.8	5.5 12.1	5.2 11.5	5.0 11.0	
L3 50.0	4.5 m - 39.5 m	10.0 22.0	10.0 22.0	10.0 22.0	10.0 22.0	10.0 22.0	10.0 22.0	10.0 22.0	9.9 21.8	9.3 20.5	8.7 19.2	8.2 18.1	7.8 17.2					
L2 40.0	3.2 m - 40.0 m	10.0 22.0	10.0 22.0	10.0 22.0	10.0 22.0	10.0 22.0	10.0 22.0	10.0 22.0	10.0 22.0	10.0 22.0								
L1 30.0	2.0 m - 30.0 m	10.0 22.0	10.0 22.0	10.0 22.0	10.0 22.0													

Geschwindigkeiten / Speeds / Vitesse

SR WB 66-125/4		t = 2.6 min	66.0 kW ~ 90 HP	Bei 440 V bzw. 480 V / 60 Hz erhöhen sich die Antriebsleistungen um ~10% bzw. ~20% und Geschwindigkeiten um ~20%. FU-Antriebe ausgenommen. At 440 V or 480 V / 60 Hz the power of the drive units are increased by ~10% or ~20% and the speeds by ~20% . Excluded FC-drives.
SR 10-190/3		v = 0 → 25 m / min. (~ 80 fpm)	2 x 10.0 kW 2 x 13.6 HP	
SR WB 150/4		v = 0 → 0.85 min ⁻¹ (rpm)	L1; L2 L3, L4 1 x 7.5 kW 1x 10.2 HP 2 x 7.5 kW 2 x 10.2 HP	

 HK max. = 250 m		6- Lagen / 6-layers / 6- couches						400 V / 50 Hz / 3 ph			
Type SR WB 66-100/4F 66.0 kW ~ 90 HP				112 m/min → 370 fpm	2 500 kg 5 500 lbs		56 m/min → 185 fpm	5 000 kg 11 000 lbs	Motorenleistung ges. ~150 kW		
				71 m/min → 230 fpm	4 200 kg 9 250 lbs		35 m/min → 115 fpm	8 400 kg 18 500 lbs	Puisseance moteur ohne/without/sans ~200 HP		
				45 m/min → 150 fpm	7 100 kg 15 650 lbs		22 m/min → 75 fpm	14 200 kg 31 300 lbs	Anschlußleistung Connected power 280 kVA		
				28 m/min → 90 fpm	10 000 kg 22 000 lbs		14 m/min → 45 fpm	20 000 kg 44 000 lbs			

Gegengewichtsballast / Counterweight / Contrepoids

Ausleger / Boom / Flèche			L 1	L 2	L 3	L 4
Gegengewicht Counterweight Contrepoids	BG	[kg]	30 000	30 000	32 000	32 000
		[lbs]	66 000	66 000	70 500	70 500
		[t]	6 x 5.0	6 x 5.0	2 x 1.0 6 x 5.0	2 x 1.0 6 x 5.0
		[kips]	6 x 11.0	6 x 11.0	2 x 2.2 6 x 11.0	2 x 2.2 6 x 11.0

SN 356/406 Transportmaße und Transportgewichte

Dimensions and weights of transport
Dimensions et poids pour transport

Montagegewichte siehe Betriebsanleitung!
Mounting weights see operating manual!
Poids de montage voir instruction de service!

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	Benennung Designation Désignation		Abmessungen (m / ft) Dimensions (m / ft)			Gewicht Weight Poids t / kips	Volumen Volume m ³ / ft ³		
			l	b	h				
1	Ausleger / Boom / Flèche Schuss / Section / Élément I		6.03 19'-9"	2.25 7'-5"	1.79 5'-10"	1.64 3.6	24.29 85.84		
2	Ausleger / Boom / Flèche Schuss / Section / Élément II		10.52 34'-6"	2.22 7'-3"	1.76 5'-9"	1.54 3.4	41.10 145.24		
	Schuss / Section / Élément L1 - L2		10.52 34'-6"	2.22 7'-3"	1.76 5'-9"	1.39 3.1	41.10 145.24		
	Schuss / Section / Élément L2 - L3		10.52 34'-6"	2.22 7'-3"	1.76 5'-9"	1.32 2.9	41.10 145.24		
	Schuss / Section / Élément L3 - L4		10.52 34'-6"	2.22 7'-3"	1.76 5'-9"	1.35 3.0	41.10 145.24		
	Schuss / Section / Élément III		10.64 34'-11"	2.22 7'-3"	1.85 6'-1"	1.66 3.6	43.70 154.42		
3	Ausleger / Boom / Flèche Schuss / Section / Élément IV		6.75 22'-2"	1.71 5'-7"	2.10 6'-11"	1.19 2.6	24.24 85.66		
4	Drehbühne mit DA und Drehwerk Turntable with DA and slewing gear Plateforme tournante avec DA et mécanisme de giration		4.02 13'-2"	2.54 8'-4"	2.35 7'-9"	13.4 29.5	24.00 84.80		
5	Gegenausleger Counter jib Contre flèche		6.02 19'-9"	2.22 7'-3"	1.52 5'-0"	6.88 15.2	20.30 71.68		
6	Kabine mit Podest, Geländer, Schaltschrank Cabin with support, railing, electrical panel Cabine avec appui, garde corps et armoire électrique		6.32 20'-9"	1.90 6'-3"	2.30 7'-6"	2.78 6.1	27.62 97.53		
7	Bockspitze mit Leiter A-frame with ladder A-cadre avec échelle		11.70 38'-5"	2.09 6'-10"	0.98 3'-3"	4.47 9.9	23.96 84.60		
8	Hubwinde mit Seil 66WB Hoist winch with rope Mécanisme de levage avec câble		1.90 6'-3"	2.51 8'-3"	1.21 4'-0"	4.10 9.0	5.77 20.37		
9	Verstellwinde mit Seil 66WB Luffing winch with rope Mécanisme de relevage avec câble		2.95 9'-8"	2.11 6'-1"	1.21 4'-0"	3.43 7.6	7.53 26.59		
10	Gegengewichtsballast Counterweight ballast Contrepoids	BG	1.0 t		1.7 5'-7"	0.14 0'-5"	2.28 7'-6"	1.00 2.2	0.54 1.90
			5.0 t		1.7 5'-7"	0.44 1'-5"	3.08 10'-1"	5.00 11.0	2.30 8.12
11	Ballastwagen Counterweight carriage Chariot de contrepoids		5.52 18'-1"	0.90 2'-11"	1.33 4'-4"	1.34 2.9	6.61 23.34		
12	Turmschuss mit Streben Tower section with struts Élément de tour avec étançons	TS 212.1		5.95 19.52	2.37 7.78	2.45 8.01	4.14 9.13	34.4 1216	
		TSV 212.1		9.50 31.17	3.00 9.84	3.05 10.00	9.22 20.33	86.9 3067	
13	Fundamentkreuz, kurvenfahbar, geklappt Cruciform base, folded Croix de fondation, mobile, replié	U 821		12.5 41.01	2.97 9.74	2.15 7.05	15.90 35.10	79.8 2816	
14	Fundamentkreuz, stationär, geklappt Cruciform base, railgoing, folded Croix de fondation, replié	UF 821		10.53 34.55	2.76 9.06	0.85 2.79	7.77 17.10	24.7 873	
15	Zentralballaststein Central ballast block Bloc de fondation	BZ		4.50 14.77	2.05 6.73	0.40 1.31	6.60 14.55	3.7 130	
16	Fundamentblock Foundation pad Bloc de fondation	BF		3.00 9.84	1.20 3.94	0.75 2.46	6.00 13.22	2.7 95	
17	Diverse Montageteile Accessories Accessoires								