

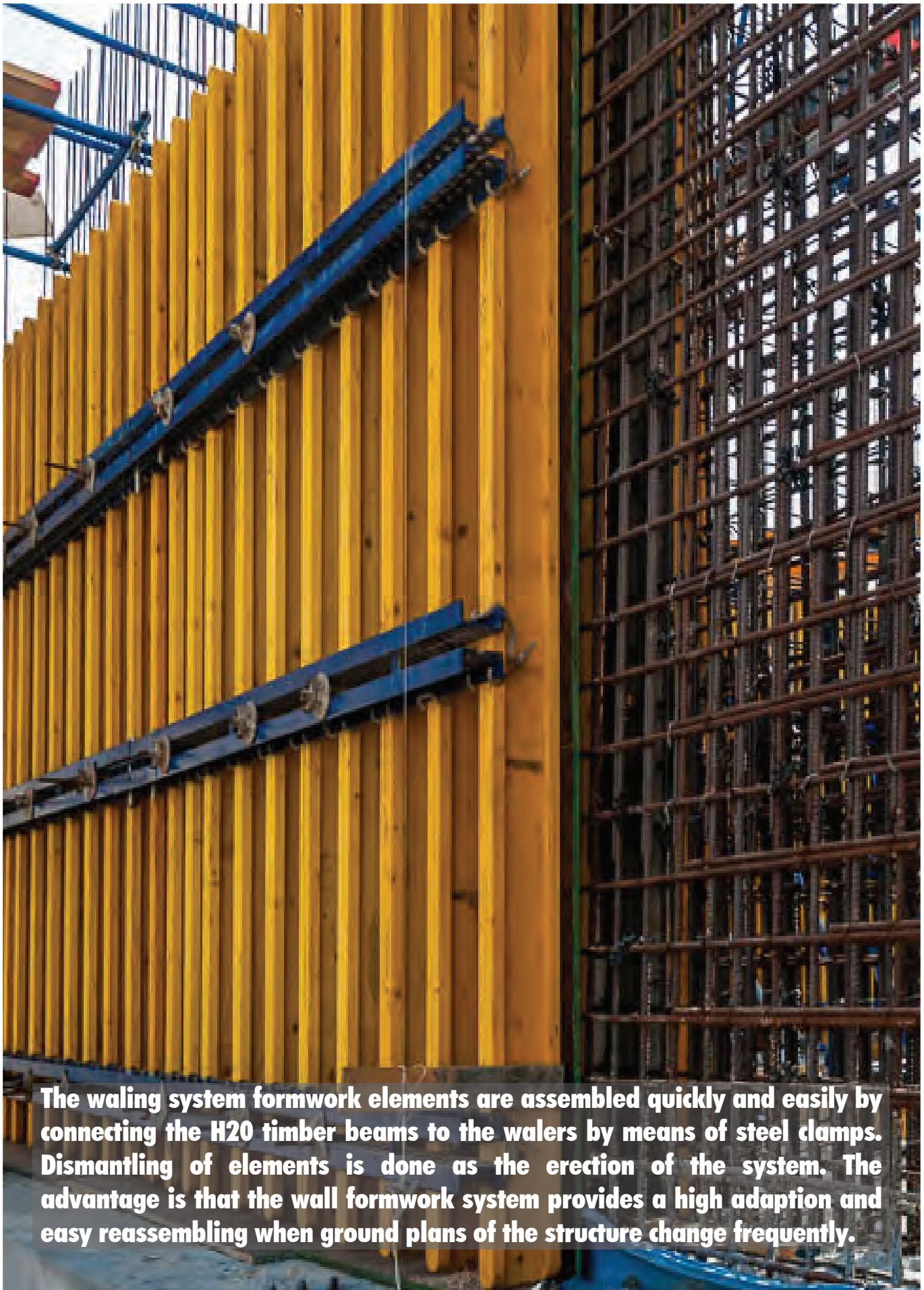


 **SCAFFCO**

Waling System

Waling System

The Formwork System that Adapts to all Heights and Widths

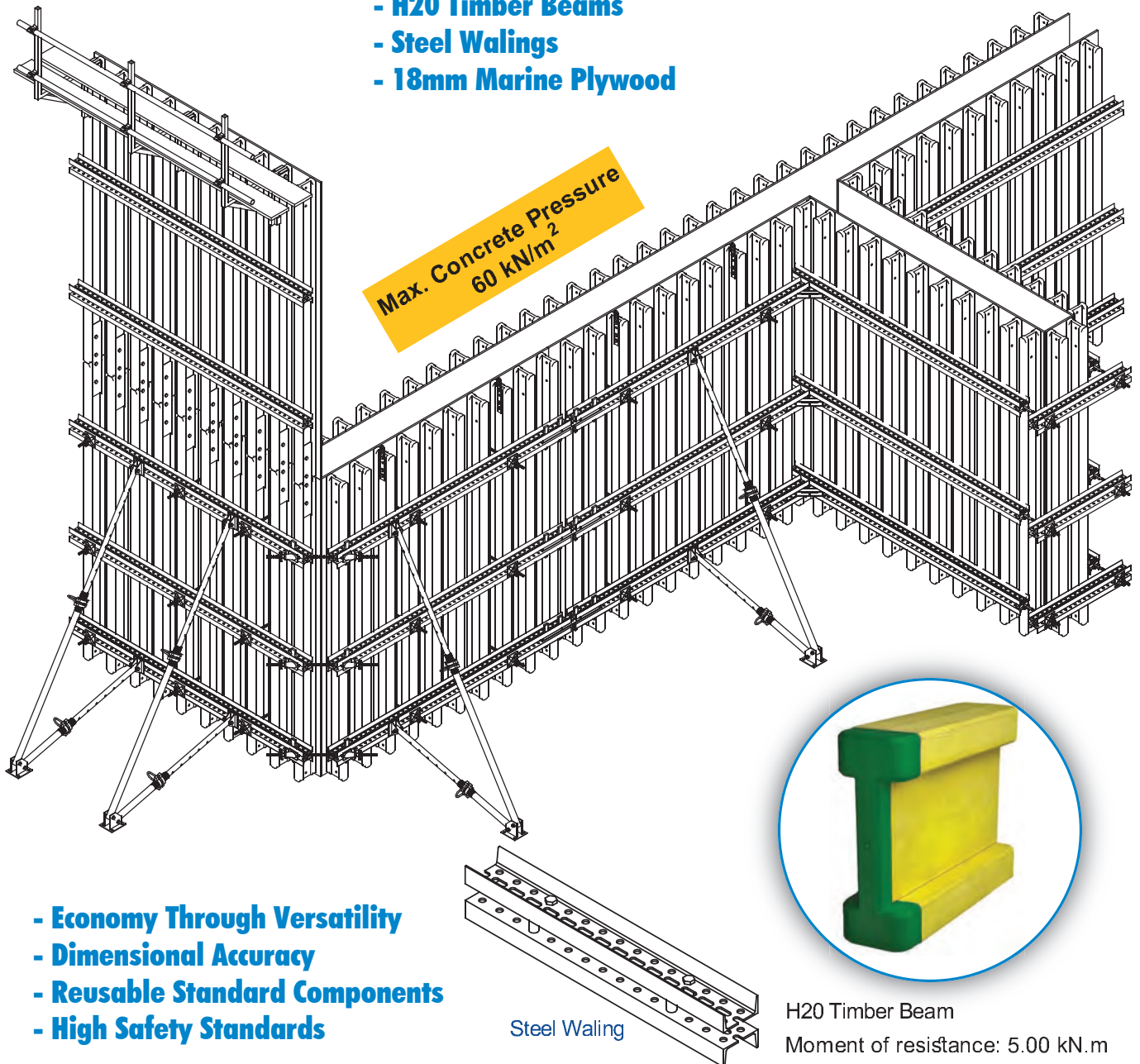


The waling system formwork elements are assembled quickly and easily by connecting the H20 timber beams to the walers by means of steel clamps. Dismantling of elements is done as the erection of the system. The advantage is that the wall formwork system provides a high adaption and easy reassembling when ground plans of the structure change frequently.

The waling system is one of the most adaptable formwork systems available. This formwork system combines H20 timber beam with steel walers so perfectly. It adapts all heights and widths, accommodates every pressure and meets all construction demands. The basis of the waling system is the H20 timber beam. It is produced in production plant with European standards. The H20 beam is sturdy, easy to handle and at a weight of approx. 5.0 kg/m offers a high load-bearing capacity at large distances of walers. The steel walers, clamped onto the H20 timber beam, allow the formwork elements to be assembled quickly and simply. The assembly is done as easily as the disassembly. The waling system can be used for all vertical formwork applications, walls, columns and retaining walls formwork.

Only Three System Components:

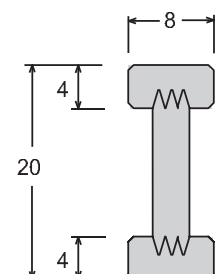
- H20 Timber Beams
- Steel Walings
- 18mm Marine Plywood



- Economy Through Versatility
- Dimensional Accuracy
- Reusable Standard Components
- High Safety Standards

This formwork system is composed of limited components. Plywood for making up of the concrete surface, H20 wooden beams, horizontal primary walings, supports and tie-rod elements providing structural unity.

Not only easy installation and use have made this system so popular in monolithic construction but also its economically advantageous solutions and high quality.



Column Formwork for all Cross Sections and Heights

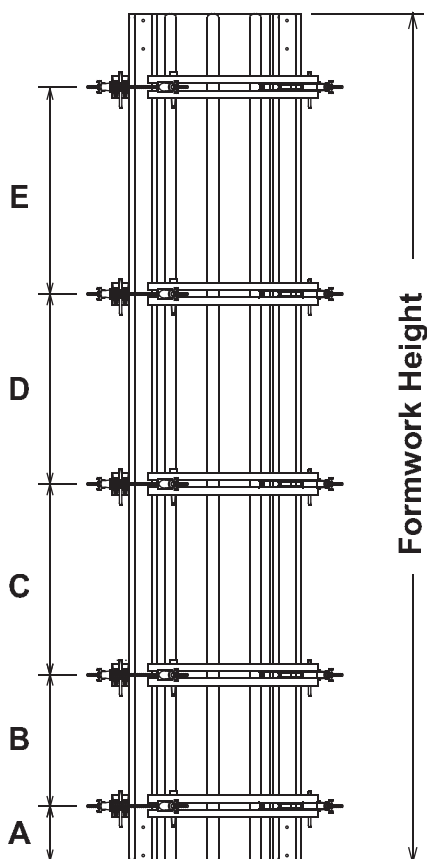
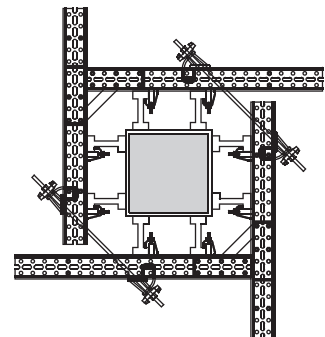
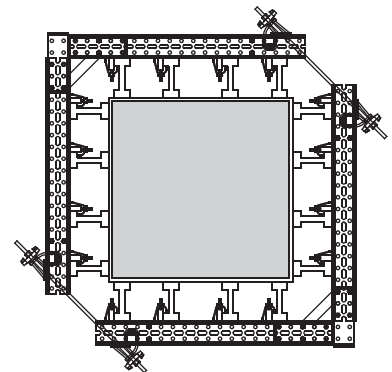
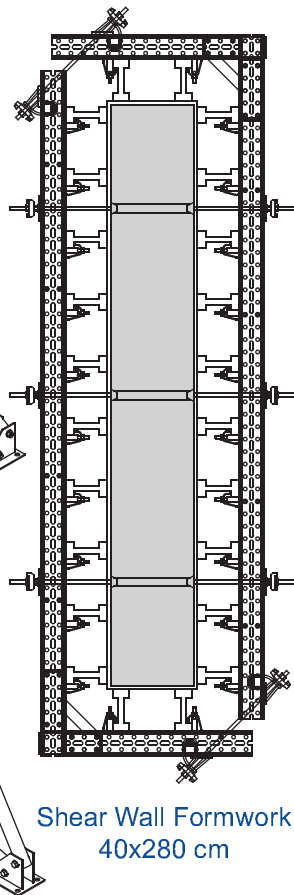
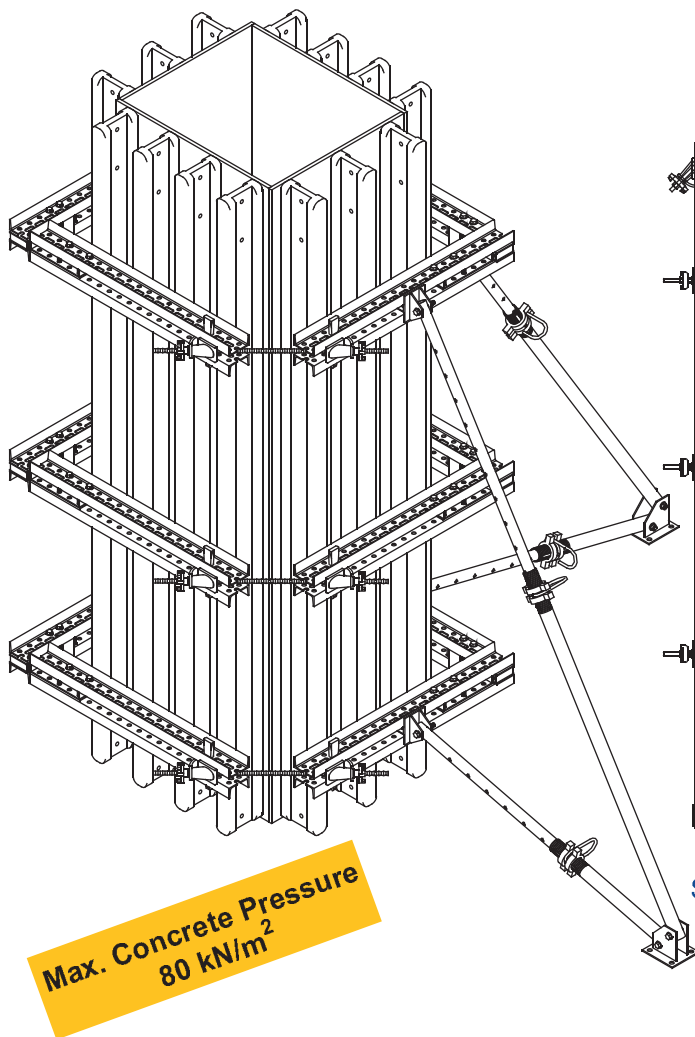
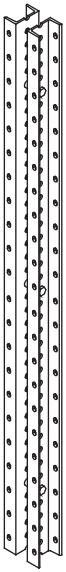
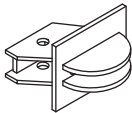
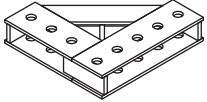
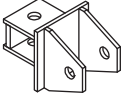
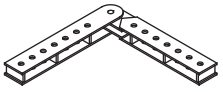
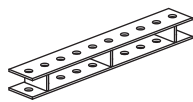
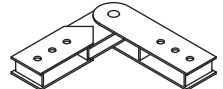
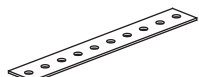
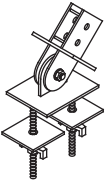
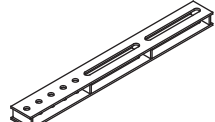
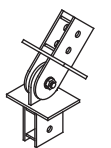
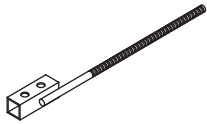
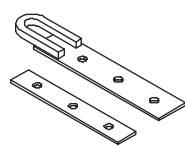
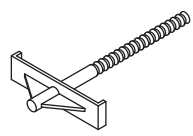
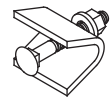


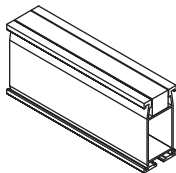
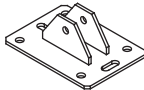
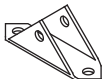
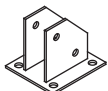
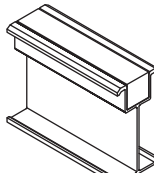
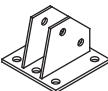
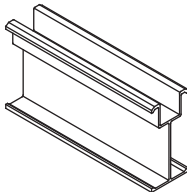
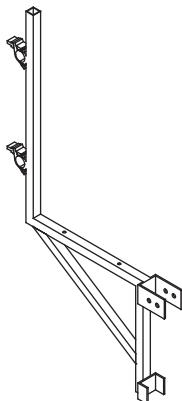
Table of Waling Vertical Spacing - Column Formwork

Waling Spacing (cm) Formwork Height (cm)	A	B	C	D	E
245	45	130			
265	45	130			
290	30	100	90		
330	30	100	120		
360	30	100	130		
390	30	90	100	100	
450	30	90	120	130	
490	30	100	130	130	
590	30	100	100	130	130

Table of Waling Vertical Spacing - Wall Formwork

Waling Spacing (cm) Formwork Height (cm)	A	B	C	D	E
245	45	130			
265	45	130			
290	45	160			
330	30	100	120		
360	30	120	130		
390	30	130	140		
450	30	100	120	120	
490	30	120	130	130	
590	30	120	120	120	120

Steel Waling (SW)			Wt. (kg)	Code	W10 Colend Bracket			Wt. (kg)	Code
	SW 100x50 - 50 cm	10.44	FWS03P050		W10 Colend Bracket	2.64	XFSSCEB		
	SW 100x50 - 75 cm	15.37	FWS03P075						
	SW 100x50 - 100 cm	20.30	FWS03P100						
	SW 100x50 - 125 cm	25.32	FWS03P125						
	SW 100x50 - 150 cm	30.44	FWS03P150						
	SW 100x50 - 175 cm	35.37	FWS03P175						
	SW 100x50 - 200 cm	40.30	FWS03P200						
	SW 100x50 - 225 cm	45.23	FWS03P225						
	SW 100x50 - 250 cm	50.45	FWS03P250						
	SW 100x50 - 275 cm	55.38	FWS03P275						
	SW 100x50 - 300 cm	60.31	FWS03P300						
	SW 100x50 - 325 cm	65.53	FWS03P325						
	SW 100x50 - 350 cm	70.46	FWS03P350						
	SW 100x50 - 375 cm	75.93	FWS03P375						
	SW 100x50 - 400 cm	80.60	FWS03P400						
	SW 100x50 - 425 cm	85.83	FWS03P425						
	SW 100x50 - 450 cm	90.75	FWS03P450						
	SW 100x50 - 475 cm	95.68	FWS03P475						
	SW 100x50 - 500 cm	100.90	FWS03P500						
	SW 100x50 - 525 cm	105.83	FWS03P525						
	SW 100x50 - 550 cm	110.76	FWS03P550						
	SW 100x50 - 575 cm	115.98	FWS03P575						
	SW 100x50 - 600 cm	120.91	FWS03P600						
W10									
Finish: Painted									
W10 Waling Corner Bracket					W10 Colprop Bracket				
	W10 Waling Corner Bracket	4.46	XFSSCCB		W10 Colprop Bracket	1.61	XFSSCPB		
W10 Active Waling Connector					W10 Column Waling Splice - D				
	W10 Active Waling Connector	8.05	FWS028		W10 Column Waling Splice - D	3.14	XFSSCWSP050		
W10 Adjustable Waling Connector					W10 Waling Splice-S				
	W10 Adjustable Waling Connector	6.22	FWS025		W10 Waling Splice-S	1.37	FWS026		
W10 Adjustable Pivot Cleat					W10 Unbent Waler Connector				
	W10 Adjustable Pivot Cleat	10.04	FWS031		W10 Unbent Waler Connector	5.20	FWS027		
W10 Pivot Cleat					Splice of S150 Aluminum Beam				
	W10 Pivot Cleat	7.48	FWS031		Splice of S150 Aluminum Beam	7.13	FWS023		
				Finish: Painted Supplied with 4 numbers of M16 x 040 bolt & nut					
W10 Stop End Bracket					W10 Lifting Lug				
	W10 Stop End Bracket	1.06	FWS029		W10 Lifting Lug	2.85	XC122LL01		
					Waling Soldier Connector				
									
				Waling Soldier Connector				1.25	FWS012
					Aluminum Waler Clamp (Aluminum to Waling W12+W10)				
									
				Aluminum Waler Clamp (Aluminum to Waling W12+W10)				0.88	XFGWALC
				Finish: Electroplated					
					W10 Waling Single Aluminum Clamp - EP (Alum. to Waling)				
									
				W10 Waling Single Aluminum Clamp - EP (Alum. to Waling)				0.29	FWS024

			Wt. (kg)	Code				Wt. (kg)	Code
Waling Spacer-50					Aluminum Beam (AB) T150				
	Waling Spacer-50	0.09	XWSSP050		With Timber				
<i>Finish: Painted Blue</i>					AB T-150 (150 x 80) 050 cm	2.92	FABTT050		
HD Shoring Base					<i>Aluminum Beam T150 (Timber Size 38x38mm)</i>	AB T-150 (150 x 80) 075 cm	4.37	FABTT075	
						AB T-150 (150 x 80) 100 cm	5.83	FABTT100	
	HD Shoring Base-50	4.48	FSS99P056	AB T-150 (150 x 80) 125 cm	7.29	FABTT125			
	HD Shoring Base-60	4.48	FSS99P057	AB T-150 (150 x 80) 150 cm	8.75	FABTT150			
					<i>Finish: Mill Finish</i>	AB T-150 (150 x 80) 175 cm	10.20	FABTT175	
						AB T-150 (150 x 80) 200 cm	11.66	FABTT200	
					<i>Moment of resistance: 13.00 kN.m Area: 18.87 cm Inertia xx: 574.3 cm Inertia yy: 147.4 cm Section modulus Zxx: 75.36 cm Young's Modulus 69000 N/mm Weight: 5.80 kg/m (with Timber) 5.05 kg/m (without Timber) Timber Wt.=0.75 kg/m</i>	AB T-150 (150 x 80) 225 cm	13.12	FABTT225	
						AB T-150 (150 x 80) 250 cm	14.58	FABTT250	
						AB T-150 (150 x 80) 275 cm	16.03	FABTT275	
						AB T-150 (150 x 80) 300 cm	17.49	FABTT300	
						AB T-150 (150 x 80) 325 cm	18.95	FABTT325	
						AB T-150 (150 x 80) 350 cm	20.41	FABTT350	
						AB T-150 (150 x 80) 375 cm	21.86	FABTT375	
						AB T-150 (150 x 80) 400 cm	23.32	FABTT400	
						AB T-150 (150 x 80) 425 cm	24.78	FABTT425	
						AB T-150 (150 x 80) 450 cm	26.24	FABTT450	
						AB T-150 (150 x 80) 475 cm	27.69	FABTT475	
						AB T-150 (150 x 80) 500 cm	29.15	FABTT500	
						AB T-150 (150 x 80) 525 cm	30.61	FABTT525	
						AB T-150 (150 x 80) 550 cm	32.07	FABTT550	
						AB T-150 (150 x 80) 575 cm	33.52	FABTT575	
						AB T-150 (150 x 80) 600 cm	34.98	FABTT600	
Rocking Push Pull Prop Base						Without Timber			
						AB T-150 (150 x 80) 050 cm	2.54	FABTW050	
	Rocking Push Pull Prop Base	0.94	XFGRB001	AB T-150 (150 x 80) 075 cm	3.81	FABTW075			
						AB T-150 (150 x 80) 100 cm	5.08	FABTW100	
						AB T-150 (150 x 80) 125 cm	6.35	FABTW125	
						AB T-150 (150 x 80) 150 cm	7.62	FABTW150	
						AB T-150 (150 x 80) 175 cm	8.89	FABTW175	
						AB T-150 (150 x 80) 200 cm	10.16	FABTW200	
						AB T-150 (150 x 80) 225 cm	11.43	FABTW225	
						AB T-150 (150 x 80) 250 cm	12.70	FABTW250	
						AB T-150 (150 x 80) 275 cm	13.97	FABTW275	
						AB T-150 (150 x 80) 300 cm	15.24	FABTW300	
						AB T-150 (150 x 80) 325 cm	16.51	FABTW325	
						AB T-150 (150 x 80) 350 cm	17.78	FABTW350	
						AB T-150 (150 x 80) 375 cm	19.05	FABTW375	
						AB T-150 (150 x 80) 400 cm	20.32	FABTW400	
						AB T-150 (150 x 80) 425 cm	21.59	FABTW425	
						AB T-150 (150 x 80) 450 cm	22.86	FABTW450	
						AB T-150 (150 x 80) 475 cm	24.13	FABTW475	
						AB T-150 (150 x 80) 500 cm	25.40	FABTW500	
						AB T-150 (150 x 80) 525 cm	26.67	FABTW525	
						AB T-150 (150 x 80) 550 cm	27.94	FABTW550	
						AB T-150 (150 x 80) 575 cm	29.21	FABTW575	
						AB T-150 (150 x 80) 600 cm	30.48	FABTW600	
Double Push Pull Prop Base					Aluminum Beam (AB) S150				
	Double Push Pull Prop Base	3.00	XFGRB002		With Timber				
<i>Finish: Painted</i>					AB S-150 (150 x 75) 050 cm	1.95	FABST050		
						AB S-150 (150 x 75) 075 cm	2.93	FABST075	
						AB S-150 (150 x 75) 100 cm	3.90	FABST100	
						AB S-150 (150 x 75) 125 cm	4.88	FABST125	
						AB S-150 (150 x 75) 150 cm	5.85	FABST150	
						AB S-150 (150 x 75) 175 cm	6.83	FABST175	
						AB S-150 (150 x 75) 200 cm	7.80	FABST200	
						AB S-150 (150 x 75) 225 cm	8.78	FABST225	
						AB S-150 (150 x 75) 250 cm	9.75	FABST250	
						AB S-150 (150 x 75) 275 cm	10.73	FABST275	
						AB S-150 (150 x 75) 300 cm	11.70	FABST300	
						AB S-150 (150 x 75) 325 cm	12.68	FABST325	
						AB S-150 (150 x 75) 350 cm	13.65	FABST350	
						AB S-150 (150 x 75) 375 cm	14.63	FABST375	
						AB S-150 (150 x 75) 400 cm	15.60	FABST400	
						AB S-150 (150 x 75) 425 cm	16.58	FABST425	
						AB S-150 (150 x 75) 450 cm	17.55	FABST450	
						AB S-150 (150 x 75) 475 cm	18.53	FABST475	
						AB S-150 (150 x 75) 500 cm	19.50	FABST500	
						AB S-150 (150 x 75) 525 cm	20.48	FABST525	
						AB S-150 (150 x 75) 550 cm	21.45	FABST550	
						AB S-150 (150 x 75) 575 cm	22.43	FABST575	
						AB S-150 (150 x 75) 600 cm	23.40	FABST600	
Double Push Pull Prop Base- Modified					Without Timber				
	Double Push Pull Prop Base- Modified	3.46	XFGRB003		AB S-150 (150 x 75) 050 cm	1.58	FABSW050		
<i>Finish: Painted</i>					AB S-150 (150 x 75) 075 cm	2.36	FABSW075		
						AB S-150 (150 x 75) 100 cm	3.15	FABSW100	
						AB S-150 (150 x 75) 125 cm	3.94	FABSW125	
						AB S-150 (150 x 75) 150 cm	4.73	FABSW150	
						AB S-150 (150 x 75) 175 cm	5.51	FABSW175	
						AB S-150 (150 x 75) 200 cm	6.30	FABSW200	
						AB S-150 (150 x 75) 225 cm	7.09	FABSW225	
						AB S-150 (150 x 75) 250 cm	7.88	FABSW250	
						AB S-150 (150 x 75) 275 cm	8.66	FABSW275	
						AB S-150 (150 x 75) 300 cm	9.45	FABSW300	
						AB S-150 (150 x 75) 325 cm	10.24	FABSW325	
						AB S-150 (150 x 75) 350 cm	11.03	FABSW350	
						AB S-150 (150 x 75) 375 cm	11.81	FABSW375	
						AB S-150 (150 x 75) 400 cm	12.60	FABSW400	
						AB S-150 (150 x 75) 425 cm	13.39	FABSW425	
						AB S-150 (150 x 75) 450 cm	14.18	FABSW450	
						AB S-150 (150 x 75) 475 cm	14.96	FABSW475	
						AB S-150 (150 x 75) 500 cm	15.75	FABSW500	
						AB S-150 (150 x 75) 525 cm	16.54	FABSW525	
						AB S-150 (150 x 75) 550 cm	17.33	FABSW550	
						AB S-150 (150 x 75) 575 cm	18.11	FABSW575	
						AB S-150 (150 x 75) 600 cm	18.90	FABSW600	
SF Anchor Hook 35 cm									
	SF Anchor Hook 35 cm	0.78	FSFAH35						
Waling Casting Bracket									
	Waling Casting Bracket	13.84	FWS008						

	Wt. (kg)	Code
Double Push Pull Props Double Adjustable (DPPPDA)		
	DPPPDA 150cm (E/P Collar) HD	20.00 FDPD10015030E
	DPPPDA 250cm (E/P Collar) HD	22.24 FDPD15025030E
	DPPPDA 300cm (E/P Collar) HD	24.36 FDPD17030030E
	DPPPDA 350cm (E/P Collar) HD	26.02 FDPD20035030E
	DPPPDA 400cm (E/P Collar) HD	27.26 FDPD25040030E
	DPPPDA 450cm (E/P Collar) HD	31.93 FDPD25045030E
	DPPPDA 500cm (E/P Collar) HD	33.61 FDPD30050030E
	DPPPDA 550cm (E/P Collar) HD	35.28 FDPD35055030E
	DPPPDA 600cm (E/P Collar) HD	36.96 FDPD40060030E

Single Rocking Push-Pull Prop (SRPPP)		
	SRPPP 150cm (Painted Collar) HD	10.09 FRPP10015030P
	SRPPP 200cm (Painted Collar) HD	12.21 FRPP12020030P
	SRPPP 250cm (Painted Collar) HD	13.84 FRPP15025030P
	SRPPP 300cm (Painted Collar) HD	15.96 FRPP17030030P
	SRPPP 350cm (Painted Collar) HD	17.62 FRPP20035030P
	SRPPP 400cm (Painted Collar) HD	19.30 FRPP25040030P
	SRPPP 450cm (Painted Collar) HD	21.42 FRPP25045030P
	SRPPP 500cm (Painted Collar) HD	23.09 FRPP30050030P
	SRPPP 550cm (Painted Collar) HD	24.77 FRPP35055030P
	SRPPP 600cm (Painted Collar) HD	26.44 FRPP40060030P
	SRPPP 150cm (E/P Collar) HD	10.09 FRPP10015030E
	SRPPP 200cm (E/P Collar) HD	12.21 FRPP12020030E
	SRPPP 250cm (E/P Collar) HD	13.84 FRPP15025030E
	SRPPP 300cm (E/P Collar) HD	15.96 FRPP17030030E
	SRPPP 350cm (E/P Collar) HD	17.62 FRPP20035030E
	SRPPP 400cm (E/P Collar) HD	19.30 FRPP25040030E
	SRPPP 450cm (E/P Collar) HD	21.42 FRPP25045030E
	SRPPP 500cm (E/P Collar) HD	23.09 FRPP30050030E
	SRPPP 550cm (E/P Collar) HD	24.77 FRPP35055030E
	SRPPP 600cm (E/P Collar) HD	26.44 FRPP40060030E

Single Stabilizer (SS)		
	SS 48-150 cm Painted	8.83 FSZS3848P150
	SS 48-200 cm Painted	10.71 FSZS3848P200
	SS 48-250 cm Painted	12.63 FSZS3848P250
	SS 48-300 cm Painted	14.72 FSZS3848P300
	SS 48-350 cm Painted	16.80 FSZS3848P350
	SS 48-400 cm Painted	19.74 FSZS3848P400
	SS 48-150 cm E/P	8.83 FSZS3848E150
	SS 48-200 cm E/P	10.71 FSZS3848E200
	SS 48-250 cm E/P	12.63 FSZS3848E250
	SS 48-300 cm E/P	14.72 FSZS3848E300
	SS 48-350 cm E/P	16.80 FSZS3848E350
	SS 48-400 cm E/P	19.74 FSZS3848E400
	SS 60-150 cm Painted	10.70 FSZS3860P150
	SS 60-200 cm Painted	13.08 FSZS3860P200
	SS 60-250 cm Painted	15.55 FSZS3860P250
	SS 60-300 cm Painted	18.19 FSZS3860P300
	SS 60-350 cm Painted	20.84 FSZS3860P350
	SS 60-400 cm Painted	24.34 FSZS3860P400
	SS 60-450 cm Painted	26.99 FSZS3860P450
	SS 60-500 cm Painted	29.64 FSZS3860P500
	SS 60-550 cm Painted	32.28 FSZS3860P550
	SS 60-600 cm Painted	34.93 FSZS3860P600
	SS 60-700 cm Painted	40.22 FSZS3860P700
	SS 60-150 cm E/P	10.70 FSZS3860E150
	SS 60-200 cm E/P	13.08 FSZS3860E200
	SS 60-250 cm E/P	15.55 FSZS3860E250
	SS 60-300 cm E/P	18.19 FSZS3860E300
	SS 60-350 cm E/P	20.84 FSZS3860E350
	SS 60-400 cm E/P	24.34 FSZS3860E400
	SS 60-450 cm E/P	26.99 FSZS3860E450
	SS 60-500 cm E/P	29.64 FSZS3860E500
	SS 60-550 cm E/P	32.28 FSZS3860E550
	SS 60-600 cm E/P	34.93 FSZS3860E600
	SS 60-700 cm E/P	40.22 FSZS3860E700

Double Stabilizers (DS)		
	DS 48-250 cm Painted	24.47 FSZD3848P250
	DS 48-300 cm Painted	28.43 FSZD3848P300
	DS 48-350 cm Painted	30.51 FSZD3848P350
	DS 48-400 cm Painted	35.37 FSZD3848P400
	DS 48-250 cm E/P	24.47 FSZD3848E250
	DS 48-300 cm E/P	28.43 FSZD3848E300
	DS 48-350 cm E/P	30.51 FSZD3848E350
	DS 48-400 cm E/P	35.37 FSZD3848E400
	DS 60-250 cm Painted	29.25 FSZD3860P250
	DS 60-300 cm Painted	34.28 FSZD3860P300
	DS 60-350 cm Painted	36.92 FSZD3860P350
	DS 60-400 cm Painted	40.42 FSZD3860P400
	DS 60-450 cm Painted	45.53 FSZD3860P450
	DS 60-500 cm Painted	48.18 FSZD3860P500
	DS 60-550 cm Painted	50.83 FSZD3860P550
	DS 60-250 cm E/P	29.25 FSZD3860E250
	DS 60-300 cm E/P	34.28 FSZD3860E300
	DS 60-350 cm E/P	36.92 FSZD3860E350
	DS 60-400 cm E/P	40.42 FSZD3860E400
	DS 60-450 cm E/P	45.53 FSZD3860E450
	DS 60-500 cm E/P	48.18 FSZD3860E500
	DS 60-550 cm E/P	50.83 FSZD3860E550

	Wt. (kg)	Code
Scaffold Tube (ST) Painted		
	M.D. Tube	
	ST 100 cm MD	2.28 FSTP20100
	ST 150 cm MD	3.42 FSTP20150
	ST 200 cm MD	4.57 FSTP20200
	ST 250 cm MD	5.71 FSTP20250
	ST 300 cm MD	6.85 FSTP20300
	ST 350 cm MD	7.99 FSTP20350
	ST 400 cm MD	9.13 FSTP20400
	ST 450 cm MD	10.27 FSTP20450
	ST 500 cm MD	11.42 FSTP20500
	ST 550 cm MD	12.56 FSTP20550
	ST 600 cm MD	13.70 FSTP20600

	H.D. Tube	
	ST 100 cm HD	3.35 FSTP30100
	ST 150 cm HD	5.03 FSTP30150
	ST 200 cm HD	6.70 FSTP30200
	ST 250 cm HD	8.38 FSTP30250
	ST 300 cm HD	10.05 FSTP30300
	ST 350 cm HD	11.73 FSTP30350
	ST 400 cm HD	13.41 FSTP30400
	ST 450 cm HD	15.08 FSTP30450
	ST 500 cm HD	16.76 FSTP30500
	ST 550 cm HD	18.43 FSTP30550
	ST 600 cm HD	20.11 FSTP30600

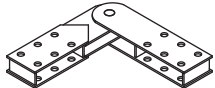
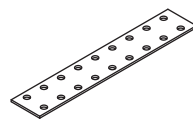
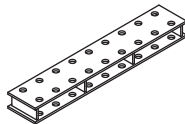
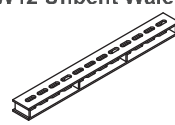
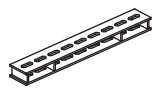
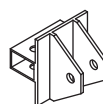
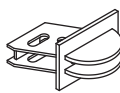
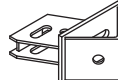
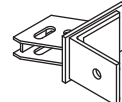
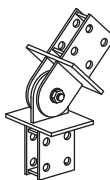
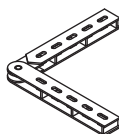
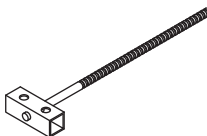
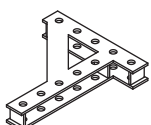
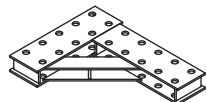
Scaffold Tube (ST) Black		
	M.D. Tube	
	ST 100 cm MD	2.28 FSTN20100
	ST 150 cm MD	3.42 FSTN20150
	ST 200 cm MD	4.57 FSTN20200
	ST 250 cm MD	5.71 FSTN20250
	ST 300 cm MD	6.85 FSTN20300
	ST 350 cm MD	7.99 FSTN20350
	ST 400 cm MD	9.13 FSTN20400
	ST 450 cm MD	10.27 FSTN20450
	ST 500 cm MD	11.42 FSTN20500
	ST 550 cm MD	12.56 FSTN20550
	ST 600 cm MD	13.70 FSTN20600

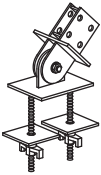
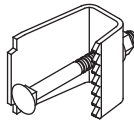
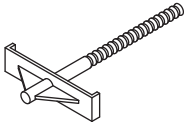
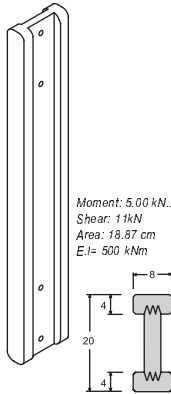
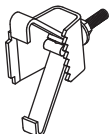
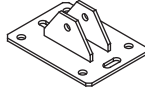
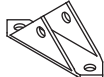
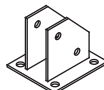
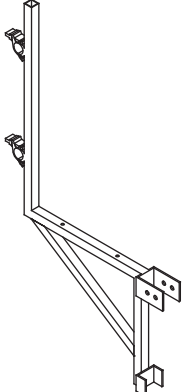
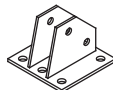
	H.D. Tube	
	ST 100 cm HD	3.35 FSTN30100
	ST 150 cm HD	5.03 FSTN30150
	ST 200 cm HD	6.70 FSTN30200
	ST 250 cm HD	8.38 FSTN30250
	ST 300 cm HD	10.05 FSTN30300
	ST 350 cm HD	11.73 FSTN30350
	ST 400 cm HD	13.41 FSTN30400
	ST 450 cm HD	15.08 FSTN30450
	ST 500 cm HD	16.76 FSTN30500
	ST 550 cm HD	18.43 FSTN30550
	ST 600 cm HD	20.11 FSTN30600

Scaffold Tube (ST) GI		
	M.D. Tube	
	ST 100 cm MD	2.28 FSTG20100
	ST 150 cm MD	3.42 FSTG20150
	ST 200 cm MD	4.57 FSTG20200
	ST 250 cm MD	5.71 FSTG20250
	ST 300 cm MD	6.85 FSTG20300
	ST 350 cm MD	7.99 FSTG20350
	ST 400 cm MD	9.13 FSTG20400
	ST 450 cm MD	10.27 FSTG20450
	ST 500 cm MD	11.42 FSTG20500
	ST 550 cm MD	12.56 FSTG20550
	ST 600 cm MD	13.70 FSTG20600

	H.D. Tube	
	ST 100 cm HD	3.35 FSTG30100
	ST 150 cm HD	5.03 FSTG30150
	ST 200 cm HD	6.70 FSTG30200
	ST 250 cm HD	8.38 FSTG30250
	ST 300 cm HD	10.05 FSTG30300
	ST 350 cm HD	11.73 FSTG30350
	ST 400 cm HD	13.41 FSTG30400
	ST 450 cm HD	15.08 FSTG30450
	ST 500 cm HD	16.76 FSTG30500
	ST 550 cm HD	18.43 FSTG30550
	ST 600 cm HD	20.11 FSTG30600

Bolt, Nut and Washer			Wt. (kg)	Code	Tie Rod			Wt. (kg)	Code
	Bolt and Nut M12x100 (Half Threaded)	0.14	XFGGH1210		Tie Rod 015 cm Black	0.23	XFGTRB015		
	Bolt and Nut M12x40 (Full Threaded) G8	0.10	XFGBF12040		Tie Rod 020 cm Black	0.31	XFGTRB020		
	Bolt and Nut M16X150	0.33	XFGBF16150		Tie Rod 025 cm Black	0.39	XFGTRB025		
	Bolt, Nut & Washer 16X100 mm	0.20	XFGBF16100		Tie Rod 030 cm Black	0.47	XFGTRB030		
	Bolt, Nut & Washer 16X100 mm G10	0.25	XFGBG16100		Tie Rod 035 cm Black	0.54	XFGTRB035		
	Bolt, Nut & Washer 16X40 mm	0.14	XFGBF16040		Tie Rod 040 cm Black	0.62	XFGTRB040		
	Bolt, Nut & Washer 14X100 mm	0.15	XFGBF14100		Tie Rod 045 cm Black	0.70	XFGTRB045		
	Bolt, Nut & Washer M12X80 (Carriage)	0.09	XFGBF12080		Tie Rod 050 cm Black	0.78	XFGTRB050		
	Bolt, Nut & Washer 10X100 (Half Threaded)	0.08	XFGBH10100		Tie Rod 055 cm Black	0.85	XFGTRB055		
	Bolt, Nut & Washer 10X75 (Full Threaded)	0.07	XFGBF10075		Tie Rod 060 cm Black	0.93	XFGTRB060		
Bolt, Nut & Washer 10X30 mm	0.04	XFGBON10030W	Tie Rod 065 cm Black	1.01	XFGTRB065				
Bolt and Nut w/o Washer 06x40 mm GI	0.01	XFGBON0640GN	Tie Rod 070 cm Black	1.09	XFGTRB070				
					Tie Rod 075 cm Black	1.16	XFGTRB075		
					Tie Rod 080 cm Black	1.24	XFGTRB080		
					Tie Rod 085 cm Black	1.32	XFGTRB085		
					Tie Rod 090 cm Black	1.40	XFGTRB090		
					Tie Rod 095 cm Black	1.47	XFGTRB095		
					Tie Rod 100 cm Black	1.55	XFGTRB100		
					Tie Rod 105 cm Black	1.63	XFGTRB105		
					Tie Rod 110 cm Black	1.71	XFGTRB110		
					Tie Rod 115 cm Black	1.78	XFGTRB115		
					Tie Rod 120 cm Black	1.86	XFGTRB120		
					Tie Rod 125 cm Black	1.94	XFGTRB125		
					Tie Rod 130 cm Black	2.02	XFGTRB130		
					Tie Rod 135 cm Black	2.09	XFGTRB135		
					Tie Rod 140 cm Black	2.17	XFGTRB140		
					Tie Rod 145 cm Black	2.25	XFGTRB145		
					Tie Rod 150 cm Black	2.33	XFGTRB150		
					Tie Rod 155 cm Black	2.40	XFGTRB155		
					Tie Rod 160 cm Black	2.48	XFGTRB160		
					Tie Rod 165 cm Black	2.56	XFGTRB165		
					Tie Rod 170 cm Black	2.64	XFGTRB170		
					Tie Rod 175 cm Black	2.71	XFGTRB175		
					Tie Rod 180 cm Black	2.79	XFGTRB180		
					Tie Rod 185 cm Black	2.87	XFGTRB185		
					Tie Rod 190 cm Black	2.95	XFGTRB190		
					Tie Rod 195 cm Black	3.02	XFGTRB195		
					Tie Rod 200 cm Black	3.10	XFGTRB200		
					Tie Rod 205 cm Black	3.18	XFGTRB205		
					Tie Rod 210 cm Black	3.26	XFGTRB210		
					Tie Rod 215 cm Black	3.33	XFGTRB215		
					Tie Rod 220 cm Black	3.41	XFGTRB220		
					Tie Rod 225 cm Black	3.49	XFGTRB225		
					Tie Rod 230 cm Black	3.57	XFGTRB230		
					Tie Rod 235 cm Black	3.64	XFGTRB235		
					Tie Rod 240 cm Black	3.72	XFGTRB240		
					Tie Rod 245 cm Black	3.80	XFGTRB245		
					Tie Rod 250 cm Black	3.88	XFGTRB250		
					Tie Rod 255 cm Black	3.95	XFGTRB255		
					Tie Rod 260 cm Black	4.03	XFGTRB260		
					Tie Rod 265 cm Black	4.11	XFGTRB265		
					Tie Rod 270 cm Black	4.19	XFGTRB270		
					Tie Rod 275 cm Black	4.26	XFGTRB275		
					Tie Rod 280 cm Black	4.34	XFGTRB280		
					Tie Rod 285 cm Black	4.42	XFGTRB285		
					Tie Rod 290 cm Black	4.50	XFGTRB290		
					Tie Rod 295 cm Black	4.57	XFGTRB295		
					Tie Rod 300 cm Black	4.65	XFGTRB300		
					Tie Rod 310 cm Black	4.81	XFGTRB310		
					Tie Rod 320 cm Black	4.96	XFGTRB320		
					Tie Rod 330 cm Black	5.12	XFGTRB330		
					Tie Rod 340 cm Black	5.27	XFGTRB340		
					Tie Rod 350 cm Black	5.43	XFGTRB350		
					Tie Rod 360 cm Black	5.58	XFGTRB360		
					Tie Rod 370 cm Black	5.74	XFGTRB370		
					Tie Rod 380 cm Black	5.89	XFGTRB380		
					Tie Rod 390 cm Black	6.05	XFGTRB390		
					Tie Rod 400 cm Black	6.20	XFGTRB400		
					Tie Rod 410 cm Black	6.36	XFGTRB410		
					Tie Rod 420 cm Black	6.51	XFGTRB420		
					Tie Rod 430 cm Black	6.67	XFGTRB430		
					Tie Rod 440 cm Black	6.82	XFGTRB440		
					Tie Rod 450 cm Black	6.98	XFGTRB450		
					Tie Rod 460 cm Black	7.13	XFGTRB460		
					Tie Rod 470 cm Black	7.29	XFGTRB470		
					Tie Rod 480 cm Black	7.44	XFGTRB480		
					Tie Rod 490 cm Black	7.60	XFGTRB490		
					Tie Rod 500 cm Black	7.75	XFGTRB500		
					Tie Rod 510 cm Black	7.91	XFGTRB510		
					Tie Rod 520 cm Black	8.06	XFGTRB520		
					Tie Rod 530 cm Black	8.22	XFGTRB530		
					Tie Rod 540 cm Black	8.37	XFGTRB540		
					Tie Rod 550 cm Black	8.53	XFGTRB550		
					Tie Rod 560 cm Black	8.68	XFGTRB560		
					Tie Rod 570 cm Black	8.84	XFGTRB570		
					Tie Rod 580 cm Black	8.99	XFGTRB580		
					Tie Rod 590 cm Black	9.15	XFGTRB590		
					Tie Rod 600 cm Black	9.30	XFGTRB600		

Steel Waling (SW)			Wt. (kg)	Code	W12 Adj. Waling Connector			Wt. (kg)	Code																																			
 W12 <i>Finish: Painted</i>	SW 120X55 - 060 cm	14.73	FWS02P060	 W12 Adj. Waling Connector	6.10	XFWS017																																						
	SW 120X55 - 090 cm	21.81	FWS02P090																																									
	SW 120X55 - 120 cm	28.88	FWS02P120																																									
	SW 120X55 - 150 cm	36.52	FWS02P150																																									
	SW 120X55 - 180 cm	43.32	FWS02P180																																									
	SW 120X55 - 210 cm	50.40	FWS02P210																																									
	SW 120X55 - 240 cm	57.76	FWS02P240																																									
	SW 120X55 - 270 cm	64.84	FWS02P275																																									
	SW 120X55 - 300 cm	72.20	FWS02P300																																									
	SW 120X55 - 330 cm	79.20	FWS02P330																																									
	SW 120X55 - 360 cm	86.64	FWS02P360																																									
	SW 120X55 - 390 cm	93.72	FWS02P390																																									
	SW 120X55 - 400 cm	102.41	FWS02P400																																									
	SW 120X55 - 420 cm	101.80	FWS02P420																																									
	SW 120X55 - 450 cm	108.16	FWS02P450																																									
	SW 120X55 - 480 cm	115.52	FWS02P480																																									
	SW 120X55 - 510 cm	122.60	FWS02P510																																									
	SW 120X55 - 540 cm	129.96	FWS02P540																																									
	SW 120X55 - 570 cm	137.04	FWS02P570																																									
	SW 120X55 - 600 cm	144.11	FWS02P600																																									
	W12 Waling Splice-S						 W12 Waling Splice-S	2.40	FWS010																																			
	W12 Waling Splice-D									 W12 Waling Splice-D	5.40	FWS011																																
	W12 Unbent Waler Connector-76												 W12 Unbent Waler Connector-76	7.30	FWS002																													
	W12 Unbent Waler Connector 56															 W12 Unbent Waler Connector 56	4.09	FWS023																										
W12 Waling Prop Connector			 W12 Waling Prop Connector	1.82	XWSPC001																																							
W12 Waler Bracket						 W12 Waler Round Bracket													2.30	FWSRB020																								
W12 Waler Delta Bracket																					 W12 Waler Delta Bracket	2.40	FWSDB021																					
W12 Waler Gamma Bracket																								 W12 Waler Gamma Bracket	3.34	FWSGB022																		
W12 Waling Pivot Cleat																											 W12 Waling Pivot Cleat	6.75	FWS021															
W12 Active Waler Connector																														 W12 Active Waler Connector (for U-Channel 12)	9.48	FWS004												
W12 Right Angle Waler Connector																																	 W12 Right Angle Waler Connector (for U-Channel 12)	10.64	FWS003									
W12 Waling Stop End Bracket																																				 W12 Waling Stop End Bracket	1.05	FWS009						
W12 Waling Corner Connector - 50																																							 W12 Waling Corner Connector - 50	3.9	FWS014			
W12 Waling Corner Connector - 100																																										 W12 Waling Corner Connector - 100	6.0	FWS013

Wt. (kg)			Code		Wt. (kg)			Code	
W12 Waling Adjustable Pivot Cleat					W12 Waling Single H20 Clamp (H20 to Waling)				
	W12 Waling Adjustable Pivot Cleat	9.36	FWS022			W12 Waling Single H20 Clamp (H20 to Waling)	0.43	FWS024	
Waling Soldier Connector					H20 Timber Beam (TB)				
	Waling Soldier Connector	1.25	FWS012			H20 TB (200x80) 0125 cm H20 TB (200x80) 0145 cm H20 TB (200x80) 0165 cm H20 TB (200x80) 0180 cm H20 TB (200x80) 0225 cm H20 TB (200x80) 0245 cm H20 TB (200x80) 0265 cm H20 TB (200x80) 0290 cm H20 TB (200x80) 0295 cm H20 TB (200x80) 0330 cm H20 TB (200x80) 0360 cm H20 TB (200x80) 0390 cm H20 TB (200x80) 0450 cm H20 TB (200x80) 0490 cm H20 TB (200x80) 0590 cm H20 TB (200x80) 1190 cm	6.25 7.25 8.25 9.00 11.25 12.25 13.25 14.50 14.75 16.50 18.00 19.50 22.50 24.50 29.50 59.50	FTBH20125 FTBH20145 FTBH20165 FTBH20180 FTBH20225 FTBH20245 FTBH20265 FTBH20290 FTBH20295 FTBH20330 FTBH20360 FTBH20390 FTBH20450 FTBH20490 FTBH20590 FTBH201190	
H20 Waler Clamp (H20 to Waling W12+W10)									
	H20 Waler Clamp (H20 to Waling W12+W10)	0.70	XFGH20WC						
Splice of H20 Beam					HD Shoring Base				
	Splice of H20 Beam	8.40	FWS017			HD Shoring base-50 HD Shoring base-60	4.48 4.48	FSS99P056 FSS99P057	
<i>Finish: Painted Supplied with 4 numbers of M16 x 100 bolt & nut</i>					<i>Finish: Painted</i>				
Universal Lifting Bracket					Rocking Push Pull Prop Base				
	Universal Lifting Bracket	3.58	XFGULB01			Rocking Push Pull Prop Base	0.94	XFGRB001	
<i>Finish: Painted Supplied with 2 numbers of M16 x 100 bolt & nut</i>					<i>Finish: Painted</i>				
Unbent Waler Connector Holder					Double Push Pull Prop Base				
	Unbent Waler Connector Holder	1.84	XWSUWCH20			Double Push Pull Prop Base	3.00	XFGRB002	
<i>Finish: Painted Supplied with 2 numbers of M16 x 100 bolt & nut</i>					<i>Finish: Painted</i>				
Waling Casting Bracket					Double Push Pull Prop Base- Modified				
	Waling Casting Bracket	13.84	FWS008			Double Push Pull Prop Base- Modified	3.46	XFGRB003	
<i>Finish: Painted Supplied with 1 number of M16 x 120 bolt & nut</i>					<i>Finish: Painted</i>				
					SF Anchor Hook 35 cm				
						SF Anchor Hook 35 cm	0.78	FSFAH35	
					Wedge				
						Wedge	0.59	FWS007	
					Waling Spacer-50				
						Waling Spacer-50	0.09	XWSSP050	
					<i>Finish: Painted Blue</i>				

	Wt. (kg)	Code
Double Push Pull Props Double Adjustable (DPPPDA)		
	DPPPDA 150xm (E/P Collar) HD	20.00 FDPD10015030E
	DPPPDA 250cm (E/P Collar) HD	22.24 FDPD15025030E
	DPPPDA 300cm (E/P Collar) HD	24.36 FDPD17030030E
	DPPPDA 350cm (E/P Collar) HD	26.02 FDPD20035030E
	DPPPDA 400cm (E/P Collar) HD	27.26 FDPD25040030E
	DPPPDA 450cm (E/P Collar) HD	31.93 FDPD25045030E
	DPPPDA 500cm (E/P Collar) HD	33.61 FDPD30050030E
	DPPPDA 550cm (E/P Collar) HD	35.28 FDPD35055030E
	DPPPDA 600cm (E/P Collar) HD	36.96 FDPD40060030E

Single Rocking Push-Pull Prop (SRPPP)		
	SRPPP 150cm (Painted Collar) HD	10.09 FRPP10015030P
	SRPPP 200cm (Painted Collar) HD	12.21 FRPP12020030P
	SRPPP 250cm (Painted Collar) HD	13.84 FRPP15025030P
	SRPPP 300cm (Painted Collar) HD	15.96 FRPP17030030P
	SRPPP 350cm (Painted Collar) HD	17.62 FRPP20035030P
	SRPPP 400cm (Painted Collar) HD	19.30 FRPP25040030P
	SRPPP 450cm (Painted Collar) HD	21.42 FRPP25045030P
	SRPPP 500cm (Painted Collar) HD	23.09 FRPP30050030P
	SRPPP 550cm (Painted Collar) HD	24.77 FRPP35055030P
	SRPPP 600cm (Painted Collar) HD	26.44 FRPP40060030P
	SRPPP 150cm (E/P Collar) HD	10.09 FRPP10015030E
	SRPPP 200cm (E/P Collar) HD	12.21 FRPP12020030E
	SRPPP 250cm (E/P Collar) HD	13.84 FRPP15025030E
	SRPPP 300cm (E/P Collar) HD	15.96 FRPP17030030E
	SRPPP 350cm (E/P Collar) HD	17.62 FRPP20035030E
	SRPPP 400cm (E/P Collar) HD	19.30 FRPP25040030E
	SRPPP 450cm (E/P Collar) HD	21.42 FRPP25045030E
	SRPPP 500cm (E/P Collar) HD	23.09 FRPP30050030E
	SRPPP 550cm (E/P Collar) HD	24.77 FRPP35055030E
	SRPPP 600cm (E/P Collar) HD	26.44 FRPP40060030E

Single Stabilizer (SS)		
	SS 48-150 cm Painted	8.83 FSZS3848P150
	SS 48-200 cm Painted	10.71 FSZS3848P200
	SS 48-250 cm Painted	12.63 FSZS3848P250
	SS 48-300 cm Painted	14.72 FSZS3848P300
	SS 48-350 cm Painted	16.80 FSZS3848P350
	SS 48-400 cm Painted	19.74 FSZS3848P400
	SS 48-150 cm E/P	8.83 FSZS3848E150
	SS 48-200 cm E/P	10.71 FSZS3848E200
	SS 48-250 cm E/P	12.63 FSZS3848E250
	SS 48-300 cm E/P	14.72 FSZS3848E300
	SS 48-350 cm E/P	16.80 FSZS3848E350
	SS 48-400 cm E/P	19.74 FSZS3848E400
	SS 60-150 cm Painted	10.70 FSZS3860P150
	SS 60-200 cm Painted	13.08 FSZS3860P200
	SS 60-250 cm Painted	15.55 FSZS3860P250
	SS 60-300 cm Painted	18.19 FSZS3860P300
	SS 60-350 cm Painted	20.84 FSZS3860P350
	SS 60-400 cm Painted	24.34 FSZS3860P400
	SS 60-450 cm Painted	26.99 FSZS3860P450
	SS 60-500 cm Painted	29.64 FSZS3860P500
	SS 60-550 cm Painted	32.28 FSZS3860P550
	SS 60-600 cm Painted	34.93 FSZS3860P600
	SS 60-700 cm Painted	40.22 FSZS3860P700
	SS 60-150 cm E/P	10.70 FSZS3860E150
	SS 60-200 cm E/P	13.08 FSZS3860E200
	SS 60-250 cm E/P	15.55 FSZS3860E250
	SS 60-300 cm E/P	18.19 FSZS3860E300
	SS 60-350 cm E/P	20.84 FSZS3860E350
	SS 60-400 cm E/P	24.34 FSZS3860E400
	SS 60-450 cm E/P	26.99 FSZS3860E450
	SS 60-500 cm E/P	29.64 FSZS3860E500
	SS 60-550 cm E/P	32.28 FSZS3860E550
	SS 60-600 cm E/P	34.93 FSZS3860E600
	SS 60-700 cm E/P	40.22 FSZS3860E700

Double Stabilizers (DS)		
	DS 48-250 cm Painted	24.47 FSZD3848P250
	DS 48-300 cm Painted	28.43 FSZD3848P300
	DS 48-350 cm Painted	30.51 FSZD3848P350
	DS 48-400 cm Painted	35.37 FSZD3848P400
	DS 48-250 cm E/P	24.47 FSZD3848E250
	DS 48-300 cm E/P	28.43 FSZD3848E300
	DS 48-350 cm E/P	30.51 FSZD3848E350
	DS 48-400 cm E/P	35.37 FSZD3848E400
	DS 60-250 cm Painted	29.25 FSZD3860P250
	DS 60-300 cm Painted	34.28 FSZD3860P300
	DS 60-350 cm Painted	36.92 FSZD3860P350
	DS 60-400 cm Painted	40.42 FSZD3860P400
	DS 60-450 cm Painted	45.53 FSZD3860P450
	DS 60-500 cm Painted	48.18 FSZD3860P500
	DS 60-550 cm Painted	50.83 FSZD3860P550
	DS 60-250 cm E/P	29.25 FSZD3860E250
	DS 60-300 cm E/P	34.28 FSZD3860E300
	DS 60-350 cm E/P	36.92 FSZD3860E350
	DS 60-400 cm E/P	40.42 FSZD3860E400
	DS 60-450 cm E/P	45.53 FSZD3860E450
	DS 60-500 cm E/P	48.18 FSZD3860E500
	DS 60-550 cm E/P	50.83 FSZD3860E550

	Wt. (kg)	Code
Scaffold Tube (ST) Painted		
M.D. Tube		
	ST 100 cm MD	2.28 FSTP20100
	ST 150 cm MD	3.42 FSTP20150
	ST 200 cm MD	4.57 FSTP20200
	ST 250 cm MD	5.71 FSTP20250
	ST 300 cm MD	6.85 FSTP20300
	ST 350 cm MD	7.99 FSTP20350
	ST 400 cm MD	9.13 FSTP20400
	ST 450 cm MD	10.27 FSTP20450
	ST 500 cm MD	11.42 FSTP20500
	ST 550 cm MD	12.56 FSTP20550
	ST 600 cm MD	13.70 FSTP20600

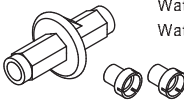
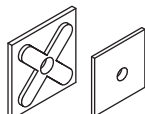
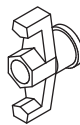
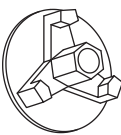
H.D. Tube		
	ST 100 cm HD	3.35 FSTP30100
	ST 150 cm HD	5.03 FSTP30150
	ST 200 cm HD	6.70 FSTP30200
	ST 250 cm HD	8.38 FSTP30250
	ST 300 cm HD	10.05 FSTP30300
	ST 350 cm HD	11.73 FSTP30350
	ST 400 cm HD	13.41 FSTP30400
	ST 450 cm HD	15.08 FSTP30450
	ST 500 cm HD	16.76 FSTP30500
	ST 550 cm HD	18.43 FSTP30550
	ST 600 cm HD	20.11 FSTP30600

Scaffold Tube (ST) Black		
M.D. Tube		
	ST 100 cm MD	2.28 FSTN20100
	ST 150 cm MD	3.42 FSTN20150
	ST 200 cm MD	4.57 FSTN20200
	ST 250 cm MD	5.71 FSTN20250
	ST 300 cm MD	6.85 FSTN20300
	ST 350 cm MD	7.99 FSTN20350
	ST 400 cm MD	9.13 FSTN20400
	ST 450 cm MD	10.27 FSTN20450
	ST 500 cm MD	11.42 FSTN20500
	ST 550 cm MD	12.56 FSTN20550
	ST 600 cm MD	13.70 FSTN20600

H.D. Tube		
	ST 100 cm HD	3.35 FSTN30100
	ST 150 cm HD	5.03 FSTN30150
	ST 200 cm HD	6.70 FSTN30200
	ST 250 cm HD	8.38 FSTN30250
	ST 300 cm HD	10.05 FSTN30300
	ST 350 cm HD	11.73 FSTN30350
	ST 400 cm HD	13.41 FSTN30400
	ST 450 cm HD	15.08 FSTN30450
	ST 500 cm HD	16.76 FSTN30500
	ST 550 cm HD	18.43 FSTN30550
	ST 600 cm HD	20.11 FSTN30600

Scaffold Tube (ST) GI		
M.D. Tube		
	ST 100 cm MD	2.28 FSTG20100
	ST 150 cm MD	3.42 FSTG20150
	ST 200 cm MD	4.57 FSTG20200
	ST 250 cm MD	5.71 FSTG20250
	ST 300 cm MD	6.85 FSTG20300
	ST 350 cm MD	7.99 FSTG20350
	ST 400 cm MD	9.13 FSTG20400
	ST 450 cm MD	10.27 FSTG20450
	ST 500 cm MD	11.42 FSTG20500
	ST 550 cm MD	12.56 FSTG20550
	ST 600 cm MD	13.70 FSTG20600

H.D. Tube		
	ST 100 cm HD	3.35 FSTG30100
	ST 150 cm HD	5.03 FSTG30150
	ST 200 cm HD	6.70 FSTG30200
	ST 250 cm HD	8.38 FSTG30250
	ST 300 cm HD	10.05 FSTG30300
	ST 350 cm HD	11.73 FSTG30350
	ST 400 cm HD	13.41 FSTG30400
	ST 450 cm HD	15.08 FSTG30450
	ST 500 cm HD	16.76 FSTG30500
	ST 550 cm HD	18.43 FSTG30550
	ST 600 cm HD	20.11 FSTG30600

Bolt, Nut and Washer				Tie Rod			
		Wt. (kg)	Code			Wt. (kg)	Code
 <i>Full Threaded Bolt, Nut and Washers</i>	Bolt and Nut M12x100 (Half Threaded)	0.14	XFGGH1210	 <i>Dia.: 16 mm</i>	Tie Rod 015 cm Black	0.23	XFGTRB015
	Bolt and Nut M12x40 (Full Threaded) G8	0.10	XFGBF12040		Tie Rod 020 cm Black	0.31	XFGTRB020
	Bolt and Nut M16X150	0.33	XFGBF16150		Tie Rod 025 cm Black	0.39	XFGTRB025
	Bolt, Nut & Washer 16X100 mm	0.20	XFGBF16100		Tie Rod 030 cm Black	0.47	XFGTRB030
	Bolt, Nut & Washer 16X100 mm G10	0.25	XFGBG16100		Tie Rod 035 cm Black	0.54	XFGTRB035
	Bolt, Nut & Washer 16X40 mm	0.14	XFGBF16040		Tie Rod 040 cm Black	0.62	XFGTRB040
	Bolt, Nut & Washer 14X100 mm	0.15	XFGBF14100		Tie Rod 045 cm Black	0.70	XFGTRB045
	Bolt, Nut & Washer M12X80 (Carriage)	0.09	XFGBF12080		Tie Rod 050 cm Black	0.78	XFGTRB050
	Bolt, Nut & Washer 10X100 (Half Threaded)	0.08	XFGBH10100		Tie Rod 055 cm Black	0.85	XFGTRB055
	Bolt, Nut & Washer 10X75 (Full Threaded)	0.07	XFGBF10075		Tie Rod 060 cm Black	0.93	XFGTRB060
 <i>Half Threaded Bolt, Nut and Washers</i>	Bolt, Nut & Washer 10X30 mm	0.04	XFGBON10030W	Tie Rod 065 cm Black	1.01	XFGTRB065	
	Bolt and Nut w/o Washer 06x40 mm GI	0.01	XFGBON0640GN	Tie Rod 070 cm Black	1.09	XFGTRB070	
Water Stopper					Tie Rod 075 cm Black	1.16	XFGTRB075
 <i>Plastic Reducer</i>	Water Stopper GI-Finish	0.56	XFGWSE	Tie Rod 080 cm Black	1.24	XFGTRB080	
	Water Reducer	0.09	XWSSP050	Tie Rod 085 cm Black	1.32	XFGTRB085	
Plastic Cone					Tie Rod 090 cm Black	1.40	XFGTRB090
	Plastic Cone	0.01	XFGCONE	Tie Rod 095 cm Black	1.47	XFGTRB095	
				Tie Rod 100 cm Black	1.55	XFGTRB100	
Plastic Sleeve 1M					Tie Rod 105 cm Black	1.63	XFGTRB105
 <i>One Meter length For the required length use multiple of one meter</i>	Plastic Sleeve 1M	0.15	XFGPSL100	Tie Rod 110 cm Black	1.71	XFGTRB110	
				Tie Rod 115 cm Black	1.78	XFGTRB115	
Counter Plate					Tie Rod 120 cm Black	1.86	XFGTRB120
	Counter Plate 90x90x6 mm	0.35	XFGCP60E09	Tie Rod 125 cm Black	1.94	XFGTRB125	
	Counter Plate 90x90x8 mm	0.49	XFGCP80E09	Tie Rod 130 cm Black	2.02	XFGTRB130	
	Counter Plate 150x150 mm	1.40	XFGCP80E15	Tie Rod 135 cm Black	2.09	XFGTRB135	
				Tie Rod 140 cm Black	2.17	XFGTRB140	
Wing Nut					Tie Rod 145 cm Black	2.25	XFGTRB145
	Wing Nut E/P	0.30	XFGWNUTE	Tie Rod 150 cm Black	2.33	XFGTRB150	
				Tie Rod 155 cm Black	2.40	XFGTRB155	
Round Wing Nut					Tie Rod 160 cm Black	2.48	XFGTRB160
 <i>Finish: Electroplated DIA.: 100 mm</i>	Round Wing Nut (Anchor Nut)	0.63	XANUT15100	Tie Rod 165 cm Black	2.56	XFGTRB165	
				Tie Rod 170 cm Black	2.64	XFGTRB170	
				Tie Rod 175 cm Black	2.71	XFGTRB175	
				Tie Rod 180 cm Black	2.79	XFGTRB180	
				Tie Rod 185 cm Black	2.87	XFGTRB185	
				Tie Rod 190 cm Black	2.95	XFGTRB190	
				Tie Rod 195 cm Black	3.02	XFGTRB195	
				Tie Rod 200 cm Black	3.10	XFGTRB200	
				Tie Rod 205 cm Black	3.18	XFGTRB205	
				Tie Rod 210 cm Black	3.26	XFGTRB210	
				Tie Rod 215 cm Black	3.33	XFGTRB215	
				Tie Rod 220 cm Black	3.41	XFGTRB220	
				Tie Rod 225 cm Black	3.49	XFGTRB225	
				Tie Rod 230 cm Black	3.57	XFGTRB230	
				Tie Rod 235 cm Black	3.64	XFGTRB235	
				Tie Rod 240 cm Black	3.72	XFGTRB240	
				Tie Rod 245 cm Black	3.80	XFGTRB245	
				Tie Rod 250 cm Black	3.88	XFGTRB250	
				Tie Rod 255 cm Black	3.95	XFGTRB255	
				Tie Rod 260 cm Black	4.03	XFGTRB260	
				Tie Rod 265 cm Black	4.11	XFGTRB265	
				Tie Rod 270 cm Black	4.19	XFGTRB270	
				Tie Rod 275 cm Black	4.26	XFGTRB275	
				Tie Rod 280 cm Black	4.34	XFGTRB280	
				Tie Rod 285 cm Black	4.42	XFGTRB285	
				Tie Rod 290 cm Black	4.50	XFGTRB290	
				Tie Rod 295 cm Black	4.57	XFGTRB295	
				Tie Rod 300 cm Black	4.65	XFGTRB300	
				Tie Rod 310 cm Black	4.81	XFGTRB310	
				Tie Rod 320 cm Black	4.96	XFGTRB320	
				Tie Rod 330 cm Black	5.12	XFGTRB330	
				Tie Rod 340 cm Black	5.27	XFGTRB340	
				Tie Rod 350 cm Black	5.43	XFGTRB350	
				Tie Rod 360 cm Black	5.58	XFGTRB360	
				Tie Rod 370 cm Black	5.74	XFGTRB370	
				Tie Rod 380 cm Black	5.89	XFGTRB380	
				Tie Rod 390 cm Black	6.05	XFGTRB390	
				Tie Rod 400 cm Black	6.20	XFGTRB400	
				Tie Rod 410 cm Black	6.36	XFGTRB410	
				Tie Rod 420 cm Black	6.51	XFGTRB420	
				Tie Rod 430 cm Black	6.67	XFGTRB430	
				Tie Rod 440 cm Black	6.82	XFGTRB440	
				Tie Rod 450 cm Black	6.98	XFGTRB450	
				Tie Rod 460 cm Black	7.13	XFGTRB460	
				Tie Rod 470 cm Black	7.29	XFGTRB470	
				Tie Rod 480 cm Black	7.44	XFGTRB480	
				Tie Rod 490 cm Black	7.60	XFGTRB490	
				Tie Rod 500 cm Black	7.75	XFGTRB500	
				Tie Rod 510 cm Black	7.91	XFGTRB510	
				Tie Rod 520 cm Black	8.06	XFGTRB520	
				Tie Rod 530 cm Black	8.22	XFGTRB530	
				Tie Rod 540 cm Black	8.37	XFGTRB540	
				Tie Rod 550 cm Black	8.53	XFGTRB550	
				Tie Rod 560 cm Black	8.68	XFGTRB560	
				Tie Rod 570 cm Black	8.84	XFGTRB570	
				Tie Rod 580 cm Black	8.99	XFGTRB580	
				Tie Rod 590 cm Black	9.15	XFGTRB590	
				Tie Rod 600 cm Black	9.30	XFGTRB600	



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