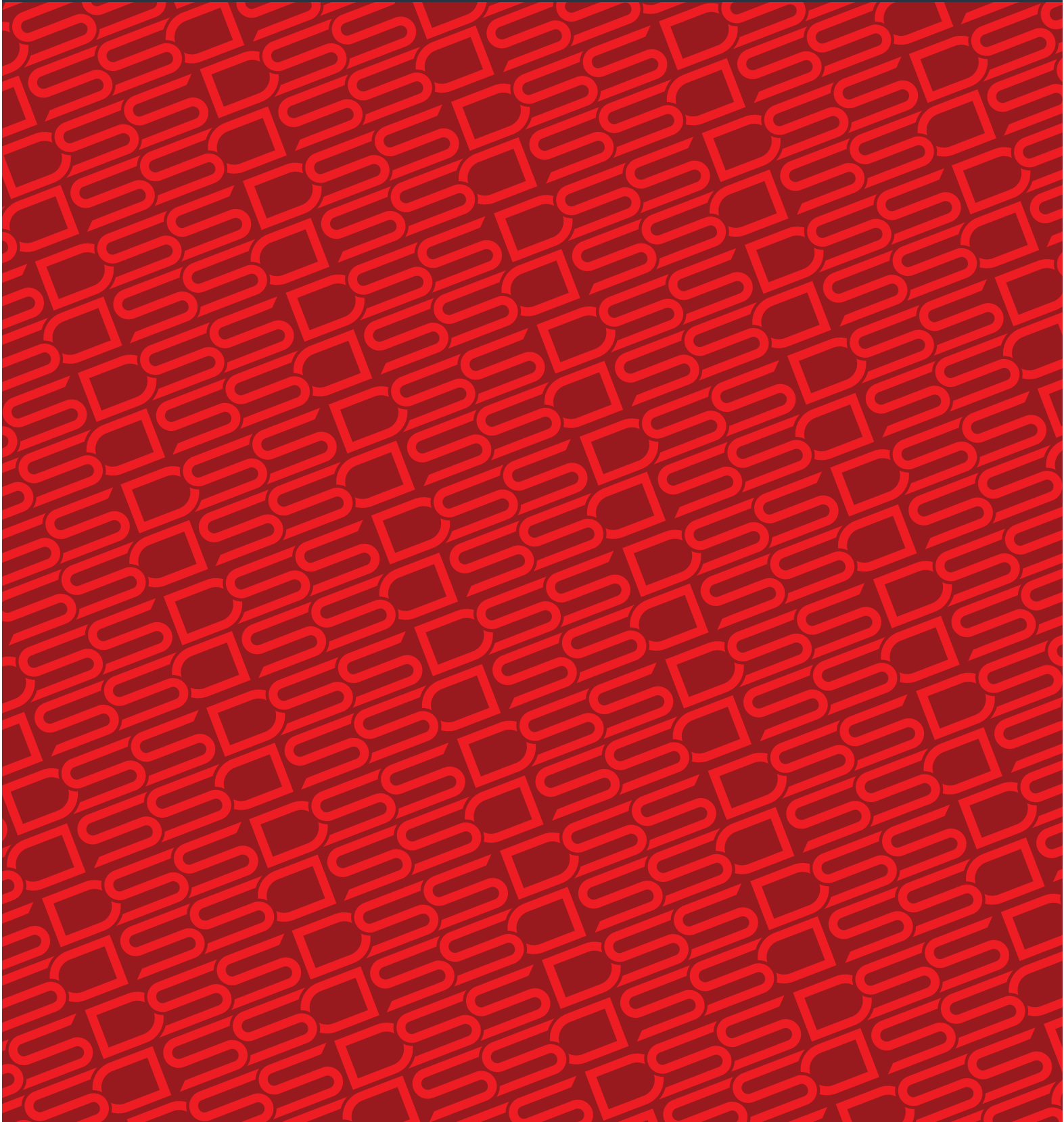


TUBE & CLAMP



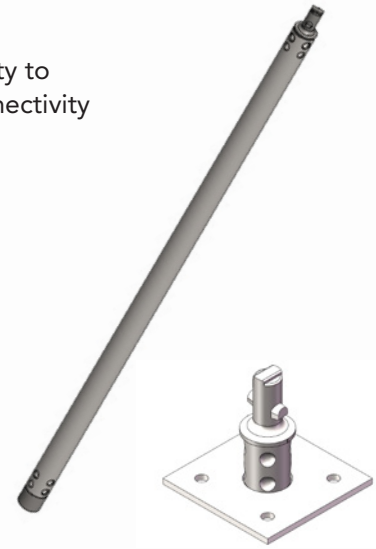
TWIST-LOCK TUBES

TUBE & CLAMP

Twist-Lock is a multipurpose scaffolding system designed to offer unlimited capacity to adapt the setup to any required job conditions. The system features easy interconnectivity between members using interlocking mechanisms and clamps.

SECTION PROPERTIES

- **Outer Diameter:** 1.90" / 48.3 mm
- **Wall Thickness:** 0.09" / 2.4 mm
- **Cross Sectional Area:** 0.54 in² / 346.03 mm²
- **Moment of Inertia (I_{xx}):** 0.22 in⁴ / 91,389.21 mm⁴
- **Section Modulus, S_{xx} (min):** 0.23 in³ / 3784 mm³
- **Modulus of Elasticity (E):** 29E6 psi / 200 GPa
- **Validated Yield Strength (F_y):** 50,200 psi / 345M Pa



Part No.	Description	Length	Total Length	Weight
TL2	2' Twist Lock Tube	24" / 609.6 mm	26.16" / 664.5 mm	6.61 lb / 2.99 kg
TL3	3' Twist Lock Tube	36" / 914.4 mm	38.16" / 969.3 mm	8.82 lb / 4.00 kg
TL4	4' Twist Lock Tube	48" / 1,219.2 mm	50.16" / 1,274.1 mm	9.57 lb / 4.34 kg
TL5	5' Twist Lock Tube	60" / 1,524 mm	62.16" / 1,578.9 mm	12.79 lb / 5.80 kg
TL6	6' Twist Lock Tube	72" / 1,828.8 mm	74.16" / 1,883.7 mm	13.23 lb / 6.10 kg
TL8	8' Twist Lock Tube	96" / 2,438.4 mm	98.16" / 2,493.3 mm	17.06 lb / 7.74 kg
TL096	9'-6" Twist Lock Tube	114" / 2,895.6 mm	116.16" / 2,950.5 mm	19.02 lb / 8.63 kg
TL10	10' Twist Lock Tube	120" / 3,048 mm	122.16" / 3,102.9 mm	20.02 lb / 9.08 kg
TL13	13' Twist Lock Tube	156" / 3,962.4 mm	158.16" / 4,017.3 mm	26.43 lb / 12.00 kg
TL16	16' Twist Lock Tube	192" / 4,876.8 mm	194.16" / 4,931.7 mm	33.86 lb / 15.36 kg
TL20	20' Twist Lock Tube	240" / 6,096 mm	242.16" / 6,150.9 mm	41.90 lb / 19.00 kg

Part No.	Description	Capacity	Weight
TLBPR	Base Plate for Twist Lock	3,500 lb / 15.57kN	3.44 lb / 1.56 kg

ALLOWABLE LOAD BEARING CAPACITIES

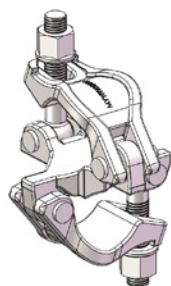
TUBE & CLAMP

Bearer Span	Allowable Linear Load	Allowable Total Load	Allowable Concentrated Load
2'-0" / 0.61 mm	895 lb/f / 1,332 kg/m	1790 lb / 812 kg	976 lb / 443 kg
2'-6" / 0.76 mm	573 lb/f / 853 kg/m	1432 lb / 650 kg	767 lb / 348 kg
3'-0" / 0.92 mm	398 lb/f / 593 kg/m	1193 lb / 632 kg	632 lb / 289 kg
3'-6" / 1.07 mm	292 lb/f / 435 kg/m	1023 lb / 464 kg	537 lb / 244 kg
4'-0" / 1.22 mm	224 lb/f / 334 kg/m	895 lb / 406 kg	467 lb / 212 kg
4'-6" / 1.37 mm	177 lb/f / 264 kg/m	796 lb / 361 kg	413 lb / 187 kg
5'-0" / 1.52 mm	143 lb/f / 213 kg/m	716 lb / 325 kg	370 lb / 168 kg
5'-5" / 1.68 mm	109 lb/f / 162 kg/m	600 lb / 272 kg	327 lb / 148 kg
6'-0" / 1.83 mm	75 lb/f / 112 kg/m	450 lb / 204 kg	284 lb / 123 kg

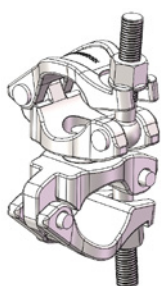
Load capacity rated for tensile conditions. The compressive capacity of the system will be given by the buckling capacity of the vertical member attached to the baseplate. Safe working load is based on a 4:1 safety factor

COUPLERS & ACCESSORIES

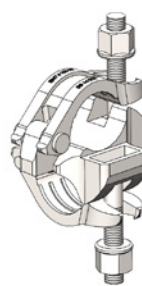
TUBE & CLAMP



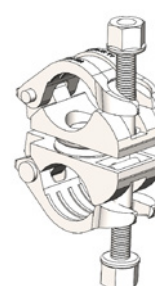
CMPRA



CMPSW



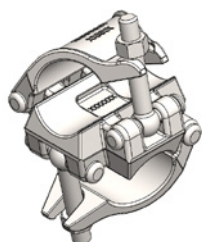
CMPTRA



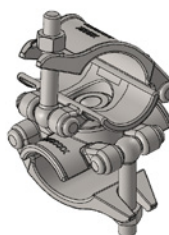
CMPTSW



CMPTR2X238



CMP4RA



CMP4SW



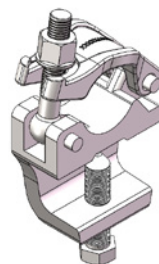
CMPNIRA



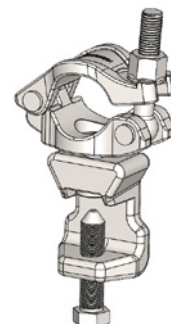
CMPNISW



CMPIBTC



CMPIBTCF



CMPIBSF

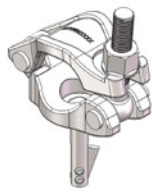
Part No.	Description	Weight
CMPRA	Right Angle Clamp for 1.9" OD Tube	3.26 lb / 1.48 kg
CMPSW	Swivel Clamp for 1.9" OD Tube	4.43 lb / 2.01 kg
CMPTRA	T Bolt Right Angle Clamp	3.12 lb / 1.41 kg
CMPTSW	T Bolt Swivel Clamp	2.8 lb / 1.3 kg
CMPT1/2	T Bolt 1/2 Clamp	1.5 lb / 0.7 kg
CMPTR2X238	T Bolt Right Angle Clamp 1.9" to 2.375"	3.2 lb / 1.46 kg
CMPTS2X238	T Bolt Swivel Clamp 1.9" to 2.375"	3.4 lb / 1.55 kg
CMP4RA	4" Wide Body Right Angle Clamp (I-Bolt)	5.7 lb / 2.6 kg
CMP4SW	4" Wide Body Swivel Clamp (I-Bolt)	4.4 lb / 2 kg
CMPNIRA	4" Wide Body Right Angle Clamp (I-Bolt) - Italy	4.23 lb / 1.91 kg
CMPNISW	4" Wide Body Swivel Clamp (I-Bolt) - Italy	4.85 lb / 2.19 kg
CMPIBTC	I-Beam Tube Clamp	3.3 lb / 1.5 kg
CMPIBTCF	I-Beam Tube Clamp Forge	3.5 lb / 1.6 kg
CMPIBSF	Swivel I-Beam Clamp Forged	4 lb / 1.8 kg

COUPLERS & ACCESSORIES - CONT.

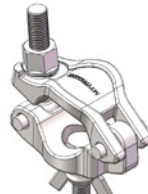
TUBE & CLAMP



CMP12



CMP12Q



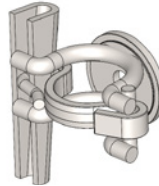
CMP12W



CMPWR



CMPWS



CMPW12



CMPWR2XB



CMPWS2XB



CMPWR2XC



CMPWS2XC



CMPDPRA



CMPDPSW

Part No.	Description	Weight
CMP1/2	1/2 Clamp (I-Bolt)	2.2 lb / 1 kg
CMP1/2Q	1/2 Clamp with Q-Lock	2.4 lb / 1.1 kg
CMP1/2W	1/2 Clamp with W-Lock	2.5 lb / 1.1 kg
CMPWR	Wedge Clamp Right Angle	3.2 lb / 150 kg
CMPWS	Wedge Clamp Swivel	3.6 lb / 1.7 kg
CMPW1/2	1/2 Wedge Clamp	1.8 lb / 0.8 kg
CMPWR2XB	Tube To Frame Right Angle Wedge Clamp 1.9" to 1.625"	3.2 lb / 1.4 kg
CMPWS2XB	Tube To Frame Swivel Wedge Clamp 1.9" to 1.625"	3.6 lb / 1.6 kg
CMPWR2XC	Tube To Frame Right Angle Wedge Clamp 1.9" to 1.69"	3.2 lb / 1.4 kg
CMPWS2XC	Tube To Frame Swivel Wedge Clamp 1.9" to 1.69"	3.6 lb / 1.6 kg
CMPDPRA	Dual-Purpose Right-Angle Clamp	3.2 lb / 1.45 kg
CMPDPSW	Dual-Purpose Swivel Clamp	3.4 lb / 1.54 kg