



4L Heavy Duty Modular Stem Series - 1500LB

Modular design offers flexibility in design with a variety of mounting stem options

- ASTM1045 forged integral structure of hardened raceway
- 3/4" hexagon mounting holes to secure the modular stem
- Large selections of Wheels, Bearings, & Brake options
- Grease fitting in the raceway and axle for maintenance
- Majority of this series and wheel types are NSF Listed
- Bright Zinc as standard



Fastening Options			
Stem Code	Size	Stem Type	Modular Part #
ZZ		3/4" Hexagon hole	
C2	5/8" - 11 x 4"	Threaded	4LSTC2
T3	3/4" - 10 x 1-3/4"	Threaded	4LSTT3
T1	3/4" - 10 x 2-1/4"	Threaded	4LSTT1
D7	3/4" - 10 x 4"	Threaded	4LSTTD7
S7	3/4" - 10 x 4-1/4"	Threaded	4LSTS7
F8	3/4" - 10 X 8"	Threaded	4LSTF8
T2	1" - 8 x 2-1/4"	Threaded	4LSTT2
C7	1" - 8 x 4"	Threaded	4LSTC7
T18	1" - 8 x 8"	Threaded	4LSTT18
D5	1" dia x 2-1/2"	3/8" CRX DRL	4LSTD5
L2	3/4" dia x 4	Plain	4LSTL2
L3	7/8" dia x 4	Plain	4LSTL3
L4	1" dia x 4	Plain	4LSTL4
L5	1-3/8" dia x 4	Plain	4LSTL5
19	4-1/2" x 6-1/4"	Plate, w/ bolt hole spacing 2-7/16" x 4-15/16" to 3-3/8" x 5-1/4", mounting bolt 1/2"	4LTP19
20	5" x 5-1/2"	Plate, w/ bolt hole spacing 4-1/8" x 4-1/2" mounting bolt 3/8"	4LTP20
P3	140mm x 110mm	Plate, w/ bolt hole spacing 105mm x 75mm to 80mm, mount bolt 7/16"	4LTPMP3
Overall Height and Swivel Radius			
Wheel Diameter	Overall Height	Denotation Code	Swivel Radius
4"	5-7/16"	40	3-3/16"
5"	6-5/16"	50	3-7/8"
6"	7-5/16"	60	4-9/16"
8"	9-5/16"	80	5-15/16"

* Add 1/4" to Overall Height when the modular is plate.



Wheel Diameter	Tread Width	Wheel Type	Load Cap.	Available Bearing Options	Replace + with desired wheel color	+Color
					Replace ## with desired wheel bearing	
4"	2"	Yoke Only			4LZZ40JZ83**YY	
		Neo-Energizer™	500	04,09,60,48,57,12	4LEN40JB##**YY	
		Nomadic™	400	04,09,60,48,57,12	4LNM40J+##**YY	A,I
		Rubber on Nylon	400	04,09,60,48,57,12	4LNR40JB##**YY	
		Rubber on Aluminum	400	04,09,60,48,57,12	4LRA40JB##**YY	
		Low Profile Rubber	300	04,09,60,48,57,12	4LLP40JB##**YY	
		Mold-On Rubber	400	04,09,60,48,57,12	4LRS40JB##**YY	
		Blue Ergo™	400	4R,63,72	4LBL40JL63**YY	
		Thermo-Pro™	300	04,09,60,63,48,57,12	4LTP40J+##**YY	A,I,T,Y
		Xtreme Wheel	200	02	4LSL40JA62**YY	
		Polyolefin	500	04,09,60,63,48,57,12	4LPO40J+##**YY	B,E
		Nylon	810	04,09,60,48,57,12	4LNY40JE##**YY	
		Ironman™	1500	04,09,60, 48,65,73,12	4LNX40JB##**YY	
		RokHard™	800	04,09,62,57,12	4LHI40JB##**YY	
		BrimStone™	800	04,09,90	4LGN40J+##**YY	B,Q
		Epoxy	800	04,09,90	4LOV40JQ##**YY	
		MaxRok™	800	04,09,49,57,12	4LMA40JB##**YY	
		Phenolic	800	04,09,60,48,57,12	4LPH40JB##**YY	
		Phenolic Straight Sided	1000	04,09,60,57,12	4LPH40TB##**YY	
		High-Temp Phenolic	600	04,09,90	4LHT40JQ##**YY	
		Polygon MaxRok™	700	04,09,60,48,57,12	4LMU40J+##**YY	G,K
		Polygon AL™	800	04,09,60,48,57,12	4LPA40J+##**YY	N,R
		DW-Black	470		4LDW40JLT3**YY	
		DW-Red	540		4LDW40JRT3**YY	
		DW-Blue	960		4LDW40JBT3**YY	
		DW-Gray	1000		4LDW40JGT3**YY	
		Crown DW-Red	540		4LDW40XRT3**YY	
		Crown DW-Blue	960		4LDW40XBT3**YY	
		Poly-Pro™	500	04,09,60,62,48,57,12	4LPP40J+##**YY	D,K,M,U,W
			600		4LPP40JP49**YY	
		Polymadic™	600	04,09,60,49,48,57,12	4LPM40J+##**YY	I,M
		Polyon™	800		4LPU40JV63**YY	
			800	04,09,60,48,57,12	4LPU40J+##**YY	G,V
		EnergySaver Polyon™	800	04,09,60,48,57,12	4LSW40JU##**YY	
		PolyFlexon™ Cast	700	04,09,60,48,57,12	4LRP40JK##**YY	
		PolyFlexon™	900		4LUA40JO64**YY	
		Ultraflex™	900		4LUX40J+63**YY	M,O
		DuraLastomer™	750	09,60,48,57,12	4LSU40JL##**YY	
		Super Elastomer	1200		4LSX40JI64**YY	
		ErgoLastomer™	1000	04,09,64,57,12	4LHU40JI##**YY	
		Semi-Steel	700	04,09,60,48,57,12	4LSS40JS##**YY	
		Heavy Duty Iron	900	04,09,60,48,57,12	4LHS40JS##**YY	
		Ductile	1500	04,09,60,63,57,12	4LDS40JR##**YY	
		Solid Steel	1500	09,63, B1,B5	4LMS40JS##**YY	
		EnergySaver Ductile™	1250	04,60,48,09,B1,B5	4LCD40JR##**YY	
Ironman™ V-Groove	1000		4LNV40JT4P**YY			
MaxRok™ V-Groove	800	04,09,60,48,57,12	4LMV40JT##**YY			
Iron V-Groove	600	04,09,60,48,57,12	4LVG40JT##**YY			
Ductile V-Groove	1500	04,09,60,48,57, B1, B5	4LDV40JT##**YY			
Conductive Ultraflex™	500		4LCX40JL63**YY			
4"	1-13/16"	Solid Steel V-Groove	1500		4LSV40IT14**YY	



Wheel Diameter	Tread Width	Wheel Type	Load Cap.	Available Bearing Options	Replace + with desired wheel color	+Color
					Replace ## with desired wheel bearing	
5"	2"	Yoke Only			4LZZ50JZ83**YY	
		Neo-Energizer™	550	04,09,60,48,57,12	4LEN50JB##**YY	
		Nomadic™	500	04,09,60,48,57,12	4LNM50J+##**YY	A,I
		Rubber on Nylon	450	04,09,60,48,57,12	4LNR50JB##**YY	
		Rubber on Aluminum	500	04,09,60,48,57,12	4LRA50JB##**YY	
		Mold-On Rubber	400	04,09,60,48,57,12	4LRS50JB##**YY	
		Blue Ergo™	400		4LBL50JL63**YY	
		CushEndure™	400		4LGR50JB19**YY	
		Thermo-Pro™	350	04,09,60,48,57,12	4LTP50J+##**YY	A,I,T,X,Y,Z
		Xtreme Wheel	250	03	4LSL50JA62**YY	
		Polyolefin	650	04,09,60,48,57,12	4LPO50J+##**YY	B,E
		Nylon	900	04,09,60,48,57,12	4LNY50JE##**YY	
		Ironman	1500	65,73	4LNX50J+##**YY	B,I
		RokHard™	900	04,09,60,57,12	4LHI50JB##**YY	
		BrimStone™	1000	04,09,90	4LGN50J+##**YY	B,Q
		Epoxy	1000	04,09,90	4LOV50JQ##**YY	
		MaxRok™	1000	04,09,63,49,57,12	4LMA50JB##**YY	
		Phenolic	1000	04,09,60,48,57,12	4LPH50JB##**YY	
		High-Temp Phenolic	750	04,09,90	4LHT50JQ##**YY	
		Sterollizer™	450		4LSL50JCB8**YY	
		Polyon MaxRok™	1000	04,09,60,63,48,57,12	4LMU50J+##**YY	G,K
		Polyon AL™	900	04,09,60,48,57,12	4LPA50J+##**YY	N,R
		Polyon-C	900	04,09,60,48,57,12	4LPR50JL##**YY	
		DW-Black	550		4LDW50JLT3**YY	
		DW-Red	750		4LDW50JRT3**YY	
		DW-Blue	1160		4LDW50JBT3**YY	
		DW-Gray	1200		4LDW50JGT3**YY	
		Crown DW-Red	750		4LDW50XRT3**YY	
		Crown DW-Blue	1160		4LDW50XBT3**YY	
		Poly-Pro™	600	04,09,48,60,63,57,12	4LPP50J+##**YY	B,C,D,K,M,U,W
			700		4LPP50JP49**YY	
					4LPP50JH63**YY	
		Polymadic™	750	04,09,48,60,63,57,12	4LPM50J+##**YY	I,M
		Polyon™	1100		4LPU50JV63**YY	
			1100	04,09,60,48,57,12	4LPU50J+##**YY	G,V
		EnergySaver Polyon™	1300	04,09,60,48,57,12	4LSW50JU##**YY	
		PolyFlexon™ Cast	800	04,09,60,48,57,12	4LRP50JK##**YY	
		PolyFlexon™	900		4LUA50JO64**YY	
		Ultraflex™	900		4LUX50JO64**YY	M,O
		D-Polyon	900		4LUD50JL64**YY	
		DuraLastomer™	900	09,60,48,57,12	4LSU50JL##**YY	
		Super Elastomer	1200	04,09,64,57,12	4LSX50JI##**YY	
		ErgoLastomer™	1400	04,09,64,57,12	4LHU50JI##**YY	
		Semi-Steel	1000	04,09,60,48,57,12	4LSS50JS##**YY	
		Heavy Duty Iron	1200	04,09,60,63,57,12	4LHS50JS##**YY	
		Ductile	1250	04,09,60,63,B1,B5	4LDS50JR##**YY	
		Forged Steel	1500	02,09,60,B1,B5	4LFS50JS##**YY	
		EnergySaver Ductile™	1500	04,09,60,48,B1,B5	4LCD50JR##**YY	
		Iron V-Groove	900	04,09,60,48,57,12	4LVG50JT##**YY	
		Conductive Nylon	630	04,09,60,48,57,12	4LCY50JH##**YY	
Conductive Ultraflex™	540		4LCX50JL64**YY			



Wheel Diameter	Tread Width	Wheel Type	Load Cap.	Available Bearing Options	Replace + with desired wheel color		+Color
					Replace #	with desired wheel bearing	
6"	2"	Yoke Only				4LZZ60JZ83**YY	
		Neo-Energizer™	600	04, 09,64, 57, 12		4LEN60JB##**YY	
		Pneumatic	200			4LFP60JB60**YY	
		Foam Filled	200			4LFF60JB60**YY	
		Ever-Roll™	200			4LER60J+60**YY	B,I
		Nomadic™	600	04,09,48,60,57,12		4LNM60J+##**YY	A,I
		Rubber on Nylon	550	04,09,48,60,57,12		4LNR60JB##**YY	
		Dura Cushion™	350	04,09,63,57,12		4LBC60J+##**YY	X,Z
		Eco-Rubber	350			4LSN60JB53**YY	
		Rubber on Aluminum	550	04,09,48,60,57,12		4LRA60JB##**YY	
		Mold-On Rubber	550	04,09,48,60,57,12		4LRS60JB##**YY	
		Supreme Rubber	700	04,09,48,60,57,12		4LRH60JS##**YY	
		Blue Ergo™	550			4LBL60JL63**YY	
		Thermo-Pro™	500	04,09,60,63,48,57,12		4LTP60J+##**YY	A,I,T,X,Y,Z
		Xtreme Wheel	350	04		4LSL60JA62**YY	
		Polyolefin	700	04,09,60,53,P3,48,57,12		4LPO60J+##**YY	B,E
		Nylon	1000	04,09,63,57,12		4LNY60JE##**YY	
		Ironman	1500	65, 73		4LNX60JB##**YY	
		RokHard™	1000	04,09,48,60,57,12		4LHI60JB##**YY	
		BrimStone™	1100	04,09,60,90		4LGN60J+##**YY	B,Q
		Epoxy	1100	04,09,90		4LOV60JQ##**YY	
		MaxRok™	1200	04,09,63,57,12		4LMA60JB##**YY	
		Phenolic	1200	04,09,48,60,57,12		4LPH60JB##**YY	
		Straight-Sided Phenolic	1500			4LPH60TB##**YY	
		High-Temp Phenolic	900	04,09,90		4LHT60JQ##**YY	
		Poly MaxRok™	1200	04,09,48,60,57,12		4LMU60J+##**YY	G,K
		Polygon AL™	1200	04,09,48,60,57,12		4LPA60J+##**YY	N,R
		Polygon-C	1200	04,09,48,60,57,12		4LPR60JL##**YY	
		DW-Black	700			4LDW60JLT3**YY	
		DW-Red	960			4LDW60JRT3**YY	
		DW-Blue	1400			4LDW60JBT3**YY	
		DW-Gray	1440			4LDW60JGT3**YY	
		Crown DW-Red	960			4LDW60XRT3**YY	
		Crown DW-Blue	1400		4LDW60XBT3**YY		
		Poly-Pro™	720	04,09,48,60,63,57,12		4LPP60J+##**YY	D,I,K,M,U,W
			900			4LPP60JP49**YY	
						4LPP60JH63**YY	
		Polymadic™	900	04,09,48,60,63,57,12		4LPM60J+##**YY	I,M
		Polyon™	1200	04,09,48,60,57,12		4LPU60JV63**YY	
						4LPU60J+##**YY	G,V
		EnergySaver Polyon™	1250	04,09,63,57,12		4LSW60JU##**YY	
		PolyFlexon™ Cast	900	04,09,63,57,12		4LRP60JK##**YY	
		PolyFlexon™	900			4LUA60J+64**YY	N,O
		D-Polygon	1000			4LUD60JL64**YY	
		Ultraflex™	1000			4LUX60JO64**YY	
		Champion	1200			4LCP60JN64**YY	
		DuraLastomer™	1000	09,48,60,57,12		4LSU60JL##**YY	
		Super Elastomer	1400			4LSX60JI64**YY	
		ErgoLastomer™	1500	04,09,48,60,64,57,12		4LHU60JI##**YY	
		Titan™ Polymer	1500			4LPX60JO63**YY	
Conquer™	1200			4LCQ60JM64**YY			
	1200			4LCQ60JL64**YY			
Semi-Steel	1200	04,09,48,60,57,12		4LSS60JS##**YY			
Heavy Duty Iron	1400	04,09,60,48,57,12		4LHS60JS##**YY	S=Flat Tread		
				4LHS60JX##**YY	X=Crown Tread		
Ductile	1500	04,09,60,73,63,B1,B5		4LDS60JR##**YY			
EnergySaver Ductile™	1500	04,09,48, 60,73,B1,B5		4LCD60JR##**YY			
Forged Steel	1500	04,09,73,63,B1,B5		4LFS60JS##**YY	S=Flat Tread		
				4LFS60JX4P**YY	X=Crown Tread		
Ironman™ V-Groove	1000			4LNV60JT4P**YY			
Iron V-Groove	1000	04,09,48,60,57,12		4LVG60JT##**YY			
Ductile V-Groove	1500	04,09,57,12,63,B1,B5		4LDV60JT##**YY			
Conductive Nylon	700			4LCY60JI62**YY			
Conductive Ultraflex™	600			4LCX60JL64**YY			

The Ever-Roll is not designed to sit.



Wheel Diameter	Tread Width	Wheel Type	Load Cap.	Available Bearing Options	Replace + with desired wheel color		+Color
					Replace ## with desired wheel bearing		
8"	2"	Yoke Only				4LZZ80JZ83**YY	
		Neo-Energizer™	600	04,09,64,57,12		4LEN80JB##**YY	
		Nomadic™	700	04,09,48,60,57,12		4LNM80J+##**YY	A,I
		Rubber on Nylon	600	04,09,48,60,57,12		4LNR80JB##**YY	
		Dura Cushion™	450	04,09,63,57,12		4LBC80J+##**YY	X,Z
		Eco-Rubber	450	53,P3		4LSN80UC##**YY	
		Rubber on Aluminum	600	04,09,48,60,57,12		4LRA80JB##**YY	
		Mold-On Rubber	600	04,09,48,60,57,12		4LRS80JB##**YY	
		Supreme Rubber	810	04,09,63,57,12		4LRH80JS##**YY	
		Blue Ergo™	600			4LBL80JL63**YY	
		Thermo-Pro™	600	04,09,60,63,48,57,12		4LTP80J+##**YY	A,I,T,X,Y,Z
		Xtreme Wheel	400	05		4LSL80JA62**YY	
		Polyolefin	900	04,09,60,53,P3,48,57,90,12		4LPO80J+##**YY	B,E
		Nylon	1100	04,09,63,57,12		4LNY80JE##**YY	
		Ironman	1500	65,73		4LNX80JB##**YY	
		RokHard™	1100	04,09,48,60,57,12		4LHI80JB##**YY	
		BrimStone™	1200	04,09,60,90		4LGN80J+##**YY	B,Q
		Epoxy	1200	04,09		4LOV80JQ##**YY	
		MaxRok™	1400	04,09,49,57,12		4LMA80JB##**YY	
		Phenolic	1400	04,09,48,60,57,12		4LPH80JB##**YY	
		High-Temp Phenolic	1100	04,09,90		4LHT80JQ##**YY	
		Poly MaxRok™	1400	04,09,48,60,57,12		4LMU80J+##**YY	G,K
		Polyon AL™	1500	04,09,48,60,57,12		4LPA80J+##**YY	N,R
		DW-Black	750			4LDW80JLT3**YY	
		DW-Red	1100			4LDW80JRT3**YY	
		DW-Blue	1500			4LDW80JBT3**YY	
		DW-Gray	1500			4LDW80JGT3**YY	
		Crown DW-Red	1100			4LDW80XRT3**YY	
		Crown DW-Blue	1500			4LDW80XBT3**YY	
		Poly-Pro™	810	04,09,48,60,63,57,12		4LPP80J+##**YY	C,D,I,K,M,U,W
			1000			4LPP80JP49**YY	
			1000			4LPP80JH63**YY	
		Polymadic™	1000	04,09,48,60,63,57,12		4LPM80J+##**YY	I,M
		Polyon™	1500			4LPU80JV63**YY	
				04,09,48,60,57,12		4LPU80J+##**YY	G,V
		EnergySaver Polyon™	1500	04,09,48,60,57,12		4LSW80JU##**YY	
		PolyFlexon™ Cast	1000			4LRP80JK63**YY	
		PolyFlexon™	1200			4LUA80J+64**YY	N,O
		D-Polyon	1200			4LUD80JL64**YY	
		Ultraflex™	1200			4LUX80JO64**YY	
		Champion	1500			4LCP80JN64**YY	
		DuraLastomer™	1000	09,48,60,57,12		4LSU80JL##**YY	
		Super Elastomer	1500			4LSX80JI64**YY	
		ErgoLastomer™	1500	04,09,64,57,12		4LHU80JI##**YY	
		Titan™ Polymer	1500			4LPX80JO63**YY	
1500				4LCQ80JM64**YY			
Conquer™	1500			4LCQ80JL64**YY			
	1500						
Semi-Steel	1400	04,09,48,60,57,12		4LSS80JS##**YY			
Heavy Duty Iron	1400	04,09,48,60,57,12		4LHS80JS##**YY	S=Flat Tread		
				4LHS80JX##**YY	X=Crown Tread		
Ductile	1500	04,09,48,60,B1,B5		4LDS80JR##**YY			
EnergySaver Ductile™	1500	04,09,48,60,B1,B5		4LCD80JR##**YY			
Forged Steel	1500	04,09,63,B1,B5		4LFS80JS##**YY	S=Flat Tread		
				4LFS80JX4P**YY	X=Crown Tread		
Ironman™ V-Groove	1200			4LNV80JT4P**YY			
Iron V-Groove	1200	04,09,48,60,57,12		4LVG80JT##**YY			
Conductive Nylon	770			4LCY80JI62**YY			
Conductive Ultraflex™	700			4LCX80JL64**YY			

*The Ever-Roll is not designed to sit.



IT- Low-Profile Heavy Duty Modular Caster- 1000LB

- Double ball raceways with 5/8" hollow kingpin
- Bright Zinc finish, color coating is available
- Hardened swivel raceways

ITMA30IB08C7YY



Modular Threaded Stem						
Stem Code		Stem Size		Modular Part #		
C7		1" - 8 x 4"		ITSTAC7		
C9		3/4"-10 x 2-1/2"		ITSTAC9		
D4		1" - 12 X 2.5"		ITSTAD4		
Wheel Diameter	Tread Width	Wheel Type	Load Cap.	Part #	Overall Height	Swivel Radius
3	1-15/16"	Yoke Only		ITZZ30IZZYY	4-9/64"	2-3/8"
		MaxRok™	900	ITMA30IB08**YY		
		Polyon™	900	ITPO30IB08**YY		
		Phenolic	1000	ITPH30IB08**YY		

Notes