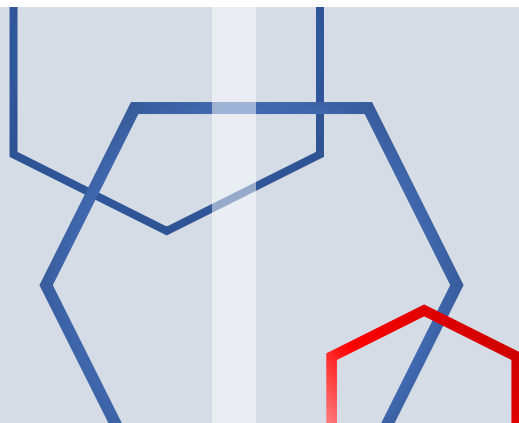




STRENGTH **THROUGH** INGENUITY

EQUIPMENT CATALOG: 2025

ALLTEC LIFTING SYSTEMS LLC.
2510 Dickinson Avenue
Dickinson, Texas 77539

Telephone: + 281.534.3100
Telefax: + 281.534.3122
website: www.alltecliftingsystems.com

CONTACT US



**2510 Dickinson Avenue,
Dickinson, TX 77539**



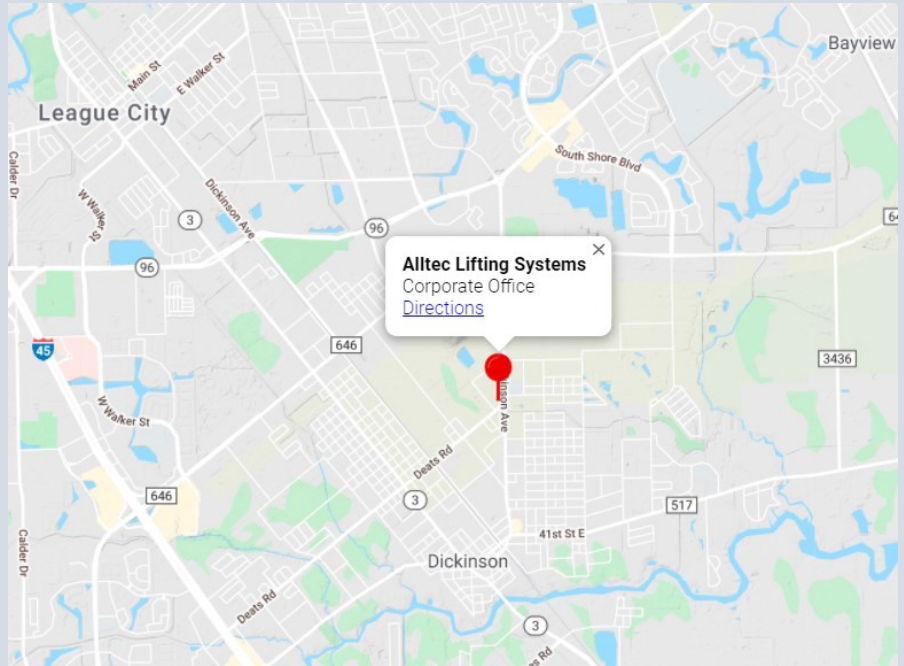
281.534.3100



alltecliftingsystems.com



info@alltecliftingsystems.com



STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

ALLTEC LIFTING SYSTEMS LLC.
2510 Dickinson Avenue
Dickinson , Texas 77539

Telephone: + 281.534.3100
Telefax: + 281.534.3122
website: www.alltecliftingsystems.com

INDUSTRIES WE SERVE



ELECTRIC POWER

- Conventional
- Nuclear
- Renewable



INDUSTRIAL PROCESSING & MANUFACTURING

- Chemical Processing
- Metals & Minerals
- Pulp, Paper, & Wood
- Industrial Manufacturing
- Pharmaceutical & Biotech



OIL & GAS

- Terminals
- Production
- Maintenance & Construction
- Alternative Fuels
- Petroleum Refining



CIVIL & COMMERCIAL INSTITUTIONAL

- Bridges
- Buildings

Alltec Lifting Systems offers a full range of lifting products and services to multiple industries worldwide. Our customers rely on our expertise in the heavy lifting and transport arena to assist them in achieving their project goals. Alltec is equipped to handle a variety of challenging projects.

STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

WHO WE ARE

Since 2006, Alltec Lifting Systems has provided engineered lifting solutions to many clients in the U.S. What sets us apart is our diverse team of hands-on engineers and senior consultants with years of experience in related services. Our team is composed of individuals who have worked in multiple positions from crane and trailer operators, to project engineering, supervisors, and executive management.

THE ALLTEC MISSION



Our mission is to minimize project downtime and risk by providing innovative engineered rigging solutions.

THE ALLTEC VISION



We strive to be the rigging company of choice for innovative engineered rigging solutions for our clients.

THE ALLTEC PROMISE



Our commitment is to provide our clients with exceptional service experience by providing quality equipment backed by industry experts.

STRENGTH THROUGH INGENUITY

EQUIPMENT CATALOG: 2025

SERVICES

Alltec Lifting Systems is more than just a bare rigging equipment company. We deliver hundreds of years of experience in auxiliary equipment design, engineering and supply, customer service, and complete heavy lift/heavy haul solutions.

Whether you need to bare rent some last-minute rigging components or getting prepared for your project, Alltec stands ready to assist. Alltec offers to be involved in the early phases of project planning because clients are seeing and reaping the benefits of having a heavy lift/heavy haul expert to guide them through the completion of a successful project.

To better serve you and your project, Alltec has four areas of expertise:

Rigging Solutions, Design & Construct, Access & Lightweight Solutions, and Engineering & Consultancy.



STRENGTH THROUGH INGENUITY

EQUIPMENT CATALOG: 2025

SERVICES

RIGGING SOLUTIONS

Have you received rigging equipment that does not meet your equipment needs?

Or how about spending hours of downtime to change out equipment because the equipment was not easily adjustable between lifts?

Alltec will review your project and provide you with a completely engineered rigging solution to not only cut downtime but minimize risks and stay within budget.

DESIGN & CONSTRUCT

Does your project require a custom (lifting) device or are you considering adding equipment to your inventory?

Alltec has a track record designing and constructing cantilever bars, gantries, specialized lifting tools, custom jack & slide equipment, baskets, and staging equipment.

ACCESS & LIGHTWEIGHT SOLUTIONS

When your project requires an ultra-light solution, we offer a product line of aluminum modular items.

Yes, each individual item can be hand-carried!

The rigid lattice structure makes these items ideal for lightweight lifting and engineered scaffolding alternatives resulting in significant time savings.

ENGINEERING & CONSULTANCY

Alltec services include barging, transport and lift engineering solutions, equipment design solutions (including FEA and fatigue analysis), and third-party independent reviews.

In addition to in-house engineering services, we provide on-site Subject Matter Expert (SME) services to oversee crane related activities.

Alltec is providing consultancy services to clients from start to

STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

RIGGING SOLUTIONS



BENEFITS OF RENTING FROM ALLTEC

1. With your equipment rentals, you will be provided with *full rigging engineering* which includes tension analysis, safe load limit calculations, equipment spec, and native file sharing.
2. Alltec's equipment is ready for use. We make sure that all our equipment is *safe and certified* to meet all the required standards.
3. Renting equipment from Alltec will *eliminate inventory expenses and maintenance fees*.
4. Alltec's rental fleet includes a variety of HMPE slings, aluminum spreader bars, and exclusive patented solutions which means you will have *access to the latest and smartest rigging available*.
5. No two projects are the same, therefore, having *access to 1000's of rigging items* that fit best for your project will give you the perfect lifting solution without having to sacrifice capacity or configuration. In the event of on-the-job changes, your access to this toolbox is available to keep your project rolling.
6. In the event of multiple lifts, Alltec will carefully select from their *wide range of adjustable equipment* in the rental fleet to minimize downtime usually caused by nonadjustable equipment.
7. We have seen it all! We provide rigging solutions to our clients daily and will take care of your challenge at a fixed price *minimizing risk* on your end.
8. *Maximize your project efficiency* by letting us provide you with only what you need and when you need it. There is no need to have equipment laying around and taking up space at your job site.
9. You will reap the *finance and accounting benefits* by choosing to rent from Alltec. Renting will leave you with a higher borrowing capacity, reduces your property taxes, and eliminates capital expenditures.
10. Rigging solutions with the right equipment is just *one of the many services you will have access with Alltec*. We also provide services equipped with the individuals specializing in Design & Construct, on- site Subject Matter Expert (SME), Professional Engineering services (PE) and now Cetlla, a division of Alltec providing engineering and consultancy services related to heavy lift heavy haul from the early phases of the project through the execution of it.

"We Solve & Supply what is needed between the crane hook and the load, whether you are lifting rebar bundles, a 350t load with 16 pick points or a 1200t reactor."

STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

...LIFTING BELOW THE HOOK

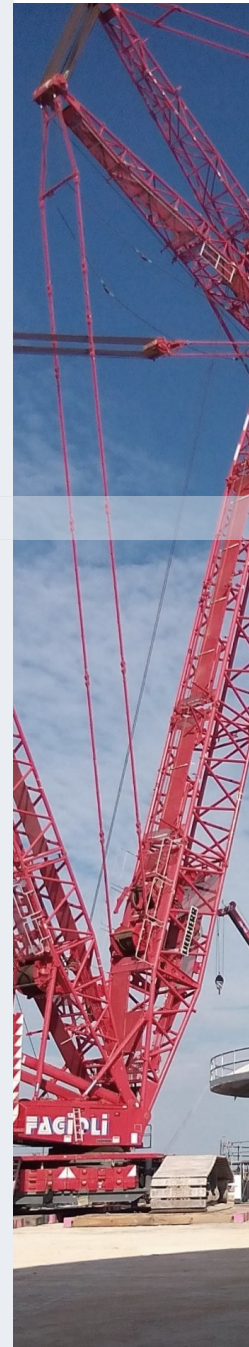


STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

ALLTEC LIFTING SYSTEMS LLC.
2510 Dickinson Avenue
Dickinson, Texas 77539

Telephone: + 281.534.3100
Telefax: + 281.534.3122
website: www.alltecliftingsystems.com

...LIFTING BELOW THE HOOK



STRENGTH **THROUGH** INGENUITY

EQUIPMENT CATALOG: 2025

ALLTEC LIFTING SYSTEMS LLC.
2510 Dickinson Avenue
Dickinson, Texas 77539

Telephone: + 281.534.3100
Telefax: + 281.534.3122
website: www.alltecliftingsystems.com

...LIFTING BELOW THE HOOK



STRENGTH **THROUGH** INGENUITY

EQUIPMENT CATALOG: 2025

ALLTEC LIFTING SYSTEMS LLC.
2510 Dickinson Avenue
Dickinson, Texas 77539

Telephone: + 281.534.3100
Telefax: + 281.534.3122
website: www.alltecliftingsystems.com

...LIFTING BELOW THE HOOK



STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

ALLTEC LIFTING SYSTEMS LLC.
2510 Dickinson Avenue
Dickinson, Texas 77539

Telephone: + 281.534.3100
Telefax: + 281.534.3122
website: www.alltecliftingsystems.com

DESIGN & CONSTRUCT

In 2006, Alltec Lifting Systems started designing and constructing equipment for its rental fleet and soon noticed the growing demand to supply quality custom devices in the field of lifting, transportation, and equipment handling. Ever since then, Alltec has expanded to a full scope provider.



DESIGN



The development of a design and construction project starts with a comprehensive Basis of Design (BoD). The BoD is the start is the starting point of our project, summarizing all requirements and functions of the design, Field visits are common and Alltec engineering and operations are engaged during each phase of the project. This enables us to step-by-step transform your package of needs and requirements into quality design.



CONSTRUCTION

Alltec Operations provides construction management, including procurement, quality control, and scheduling management. With an in-house team of project managers, certified welders, fabricators, and inspectors. Alltec offers both internal construction as well as external construction through our network of approved subcontracts, subject to your project needs.



TESTING & TRAINING

Alltec offers weld testing, functional testing, load testing and operator training of your equipment prior to commissioning. Depending on the equipment and application these services are provided onsite, at the Alltec facility, or at selected approved subcontractors.

STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

DESIGN & CONSTRUCT

YOUR PROJECT, OUR EXPERTISE

Together with our customers we've successfully executed great design and construction projects. Our range of supplied equipment that helped achieve these successes includes:

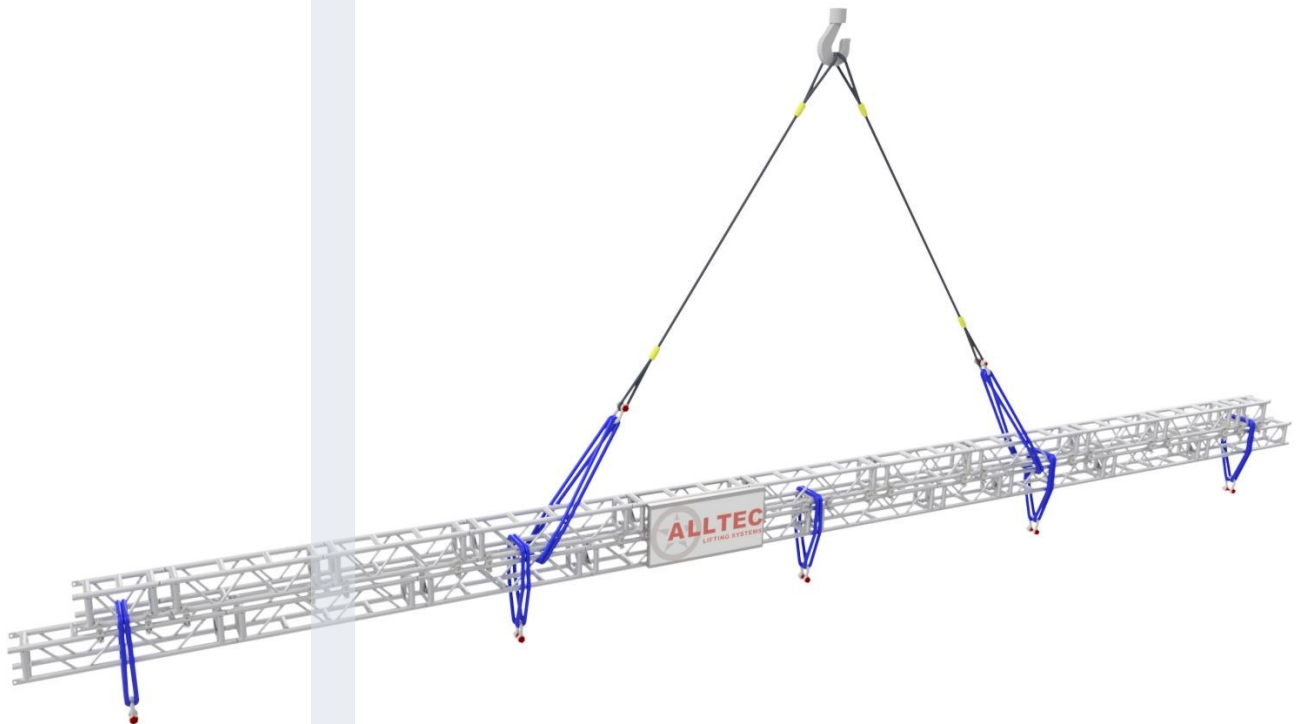
- Lifting beams, lifting frames, and lifting points
- Cantilever bars
- Warehouse handling tools
- Jack and slide systems
- Gantry & trolley systems
- Davit and Overhead Cranes
- Staging Cans, transport beams and load spreading beams
- Transport saddles
- Low profile hydraulic carts



STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

ACCESS & LIGHTWEIGHT SOLUTIONS

When your project requires an ultra-light solution, we offer a product line of aluminum modular items. Yes, each individual item can be hand-carried! The rigid lattice structure makes these items ideal for lightweight lifting and engineered scaffold alternatives resulting in significant time savings.



LIGHTWEIGHT ALUMINUM LIFTING SYSTEM

Alltec's aluminum lattice spreader is designed and built to provide solutions to lifting operations when weight is of the essence. The lattice design creates a rigid structure with exceptional bending and compression structural properties. Due to its modular design, endless configurations can be built and because all connections are pinned-connections there is no need for power-tools to reconfigure. Past projects include spreader bar assemblies of up to 60ft with 6 pick points. Contact Alltec to learn more about the capabilities.

STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

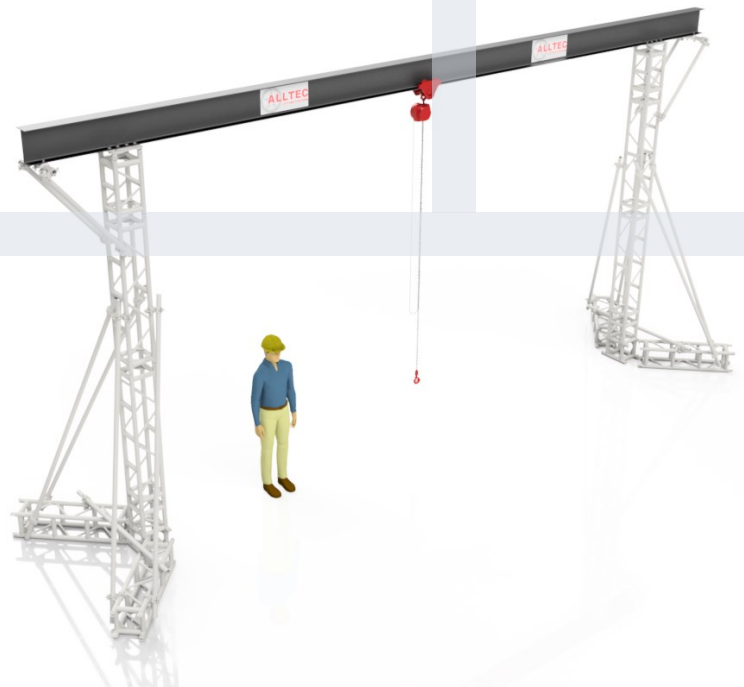
ACCESS & LIGHTWEIGHT SOLUTIONS

ALUMINUM TRUSS GANTRY

Our modular lightweight gantry systems are available to accommodate and adapt to your lifting needs. Each configuration is engineered specifically to meet your lifting requirements; capacities vary per configurations.

The benefits of aluminum truss gantry systems are:

- Modular construction enables many different configurations (such as single and double towers, different elevations, footings and lengths)
- All aluminum components can be hand carried and can easily go up/down and elevator/staircase
- Low pounds per square foot (psf) due to optimal load distribution and ultra light tare weight
- Simple and fast on-site assembly/disassembly



STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

ACCESS & LIGHTWEIGHT SOLUTIONS

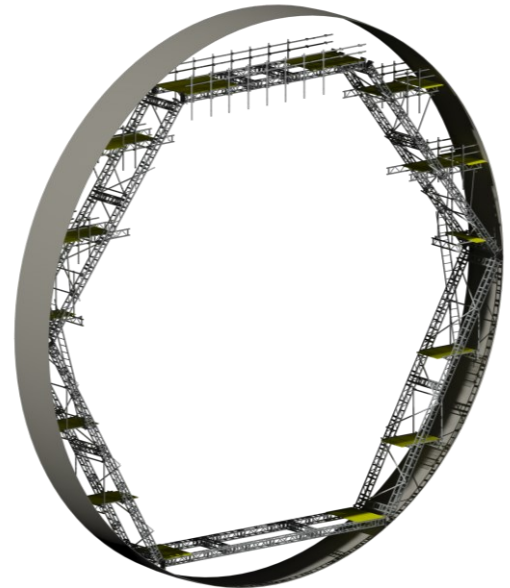
SPHERE ACCESS SYSTEM

Our proven access systems have cut previous clients project downtime by as much as 80%. Once erected, you will have 100% accessibility to any location in the tank with zero blind spots. From a safety standpoint, the system is safer than traditional access methods due to increased visibility, reduced risks associated with confined space, and ease of movement which also improves productivity.

Benefits:

- Meets ANSI A10.8 scaffolding requirements
- 5,000lbs OSHA anchor point safety
- Adjustable work platforms
- Lightweight modular construction
- Easy access and clear visibility
- Decreased downtime with increased productivity

Our modular system enables us to design, engineer, construct and execute in multiple confined spaces. Contact Alltec for more details.



ALLTEC'S SPHERE ACCESS SYSTEM

ASSEMBLY

4 days

CLEANING

3-7 days

DISASSEMBLY

3 days

TOTAL DURATION

14 days

TRADITIONAL SCAFFOLDING

ASSEMBLY

30 days

CLEANING

14 days

DISASSEMBLY

30 days

TOTAL DURATION

74 days

STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

...SPHERE ACCESS SYSTEM



STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

ALLTEC LIFTING SYSTEMS LLC.
2510 Dickinson Avenue
Dickinson, Texas 77539

Telephone: + 281.534.3100
Telefax: + 281.534.3122
website: www.alltecliftingsystems.com

ENGINEERING & CONSULTANCY

Alltec's engineering department has in depth knowledge of lifting and transportation. Alltec is registered with the state of Texas Board of Professional Engineers and offers its expertise to provide Professional Engineering (P.E.) stamped engineering packages as well as third-party independent engineering reviews.

THE ADDED VALUE OF ALLTEC'S ENGINEERING AND CONSULTANCY

- An eager team of senior experts and young professionals up to date on the industry, codes, and standards.
- We understand you need your project to be executed effectively safely and within budget.
- We also answer the phone after 5pm. We solve your challenge.



- Our team has access to the latest software and tools to offer services such as, but not limited to:
 - Equipment design analysis
 - Structural analysis
 - FEA analysis and Fatigue analysis
 - GBP analysis
 - Stability analysis and Wind analysis
 - Critical Lift Package preparation and review

STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

ENGINEERING & CONSULTANCY

THE ADDED VALUE OF ALLTEC'S ENGINEERING AND CONSULTANCY

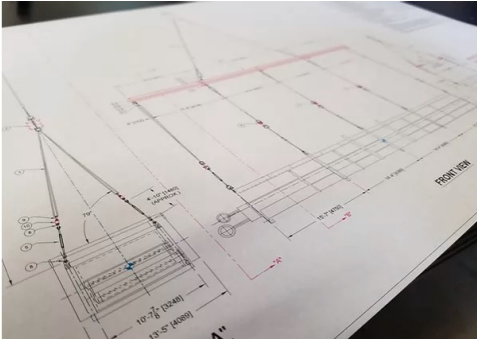
- No need to start from scratch. We have done something similar before!
- We have been at the other side of the table. Our team has worked for respected
 - Heavy lift and heavy haul contractors
 - General contractors
 - Equipment suppliers
- We have done the work, we have:
 - Operated cranes
 - Worked as riggers
 - Managed and executed HL/HH Projects
- We have more to offer
 - Our team comes with extensive international experience
 - Together with our sister companies we offer:
 - A unique portfolio of offshore lifting devices
 - Capacity chart calculations for all types of cranes
 - Upgrade of capacity charts for mobile and offshore cranes



STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

ENGINEERING & CONSULTANCY

ENGINEERING SERVICES



- Barging
- Transport and Lift Engineering Solutions
- Equipment Design Solutions
- Third-party independent reviews

Because every decision along the way impacts the project outcome, we believe we are smarter together. We, as the rigging solutions provider, have the experience in developing solutions to challenges that were perhaps not considered or planned for in the early planning phases of the project. We have seen this happen time after time.

But what if we can advise you on how to avoid heavy lift heavy transport oversight leading to either preventable downtime, risk, overspent, and/or inefficiency for you in the first place?



CETLLA is here for you.

Cetlla is a division of Alltec.

To learn more on how Cetlla can assist you on either your current or future project, contact us.

ON-SITE SUBJECT MATTER EXPERT (SME)



In addition to in-house engineering services, we provide on-site Subject Matter Expert (SME) services to oversee crane related activities.

STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

ENGINEERING & CONSULTANCY – CETLLA SERVICES

Cetlla, a division of Alltec, concentrates on providing technical and commercial support related to shipping, heavy lift, and heavy haul.



Project Initiation Phase

- Constructability Studies
- Lift & Rigging Studies
- Jack & Slide Studies
- Route Studies
- Barging & Shipping Studies
- Levee Crossing Studies
- Modularization Studies
- HL/HH Planning & Budgeting
- Pre-TAR Planning



Project Planning Phase

- HL/HH Management
- HL/HH Plans
- Permit Coordination
- Critical Lift Packages
- ITB/RFQ Development
- Technical Reviews
- Commercial Reviews
- Auxiliary Equipment Design
- Turnaround Preparation



Project Execution Phase

- HL/HH Management
- Safety Audits
- HL/HH SME/Field Rep.
- Technical Reviews
- Turnaround Support



Project Closure Phase

- Delivery of final documentation for future use
- Project Review



STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025



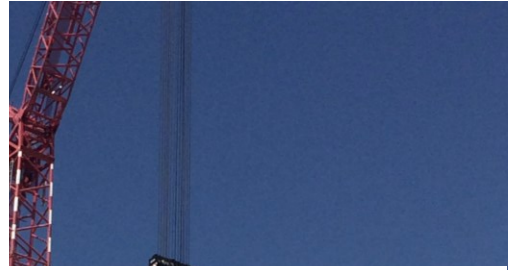
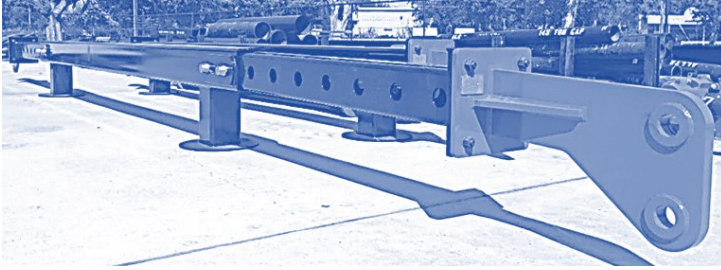
**TWO DIVISIONS.
ONE COMPANY.**



STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: Spreader Bars



SPREADER BARS

STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

ALLTEC LIFTING SYSTEMS LLC.
2510 Dickinson Avenue
Dickinson, Texas 77539

Telephone: + 281.534.3100
Telefax: + 281.534.3122
website: www.alltecliftingsystems.com

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-04001A. R0

4" Spreader Bar – Config: 04001A

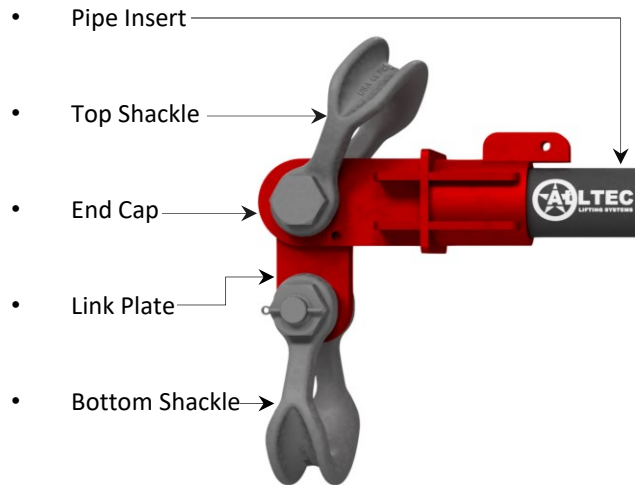
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
3'- 0"	56	62	69	76
4'- 0"	56	62	69	76
5'- 0"	54	60	69	76
6'- 0"	52	57	69	76
7'- 0"	48	53	69	76
8'- 0"	44	48	69	76
9'- 0"	39	43	68	75
10'- 0"	34	38	60	66
11'- 0"	29	32	51	56
12'- 0"	25	27	44	48
13'- 0"	21	23	36	40
14'- 0"	17	19	30	33
15'- 0"	15	16	25	28
16'- 0"	12	13	22	24
17'- 0"	11	12	18	20
18'- 0"	9	10	16	18
19'- 0"	8	9	14	15
20'- 0"	6	7	12	13

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 4in Pipe Insert (Pipe4XS-52KSI)	1	15/ft	Per Config	Per Config
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 40mt WB Bottom Shackle	2	46	92	42
Link Plate: FLP-036 Link Plate	2	20	40	18
End Cap Length Deduction= 16"				
Total System Weight (Minus Pipe Weight)			318	144

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-04001B. R0

4" Spreader Bar – Config: 04001B

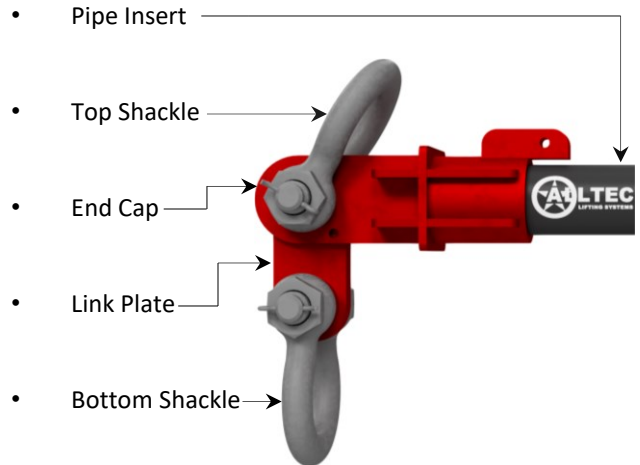
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
3'- 0"	34	38	43	47
4'- 0"	34	38	43	47
5'- 0"	34	38	43	47
6'- 0"	34	38	43	47
7'- 0"	34	38	43	47
8'- 0"	34	38	43	47
9'- 0"	34	38	43	47
10'- 0"	34	38	43	47
11'- 0"	29	32	43	47
12'- 0"	25	27	43	47
13'- 0"	21	23	36	40
14'- 0"	17	19	30	33
15'- 0"	15	16	25	28
16'- 0"	12	13	22	24
17'- 0"	11	12	18	20
18'- 0"	9	10	16	18
19'- 0"	8	9	14	15
20'- 0"	6	7	12	13

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 4in Pipe Insert (Pipe4XS-52KSI)	1	15/ft	Per Config	Per Config
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 25mt Bolt Top Shackle	2	34	68	31
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Link Plate: FLP-036 Link Plate	2	20	40	18
End Cap Length Deduction= 16"				
Total System Weight (Minus Pipe Weight)			270	122

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-04001C. R0

4" Spreader Bar – Config: 04001C

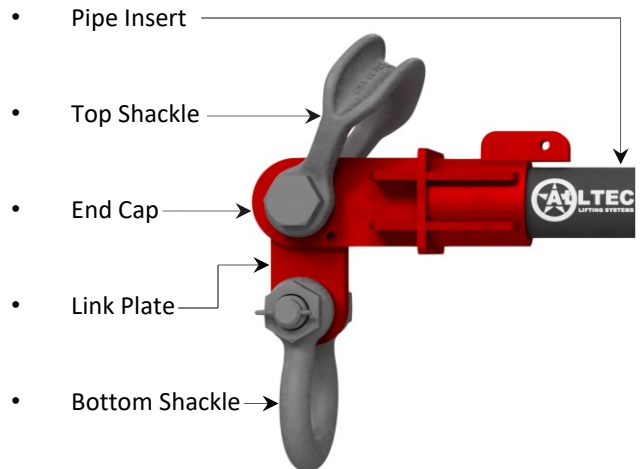
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
3'- 0"	50	55	50	55
4'- 0"	50	55	50	55
5'- 0"	50	55	50	55
6'- 0"	50	55	50	55
7'- 0"	48	53	50	55
8'- 0"	44	48	50	55
9'- 0"	39	43	50	55
10'- 0"	34	38	50	55
11'- 0"	29	32	50	55
12'- 0"	25	27	44	48
13'- 0"	21	23	36	40
14'- 0"	17	19	30	33
15'- 0"	15	16	25	28
16'- 0"	12	13	22	24
17'- 0"	11	12	18	20
18'- 0"	9	10	16	18
19'- 0"	8	9	14	15
20'- 0"	6	7	12	13

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 4in Pipe Insert (Pipe4XS-52KSI)	1	15/ft	Per Config	Per Config
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Link Plate: FLP-036 Link Plate	2	20	40	18
End Cap Length Deduction= 16"				
Total System Weight (Minus Pipe Weight)			294	133

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-04001D. R0

4" Spreader Bar – Config: 04001D

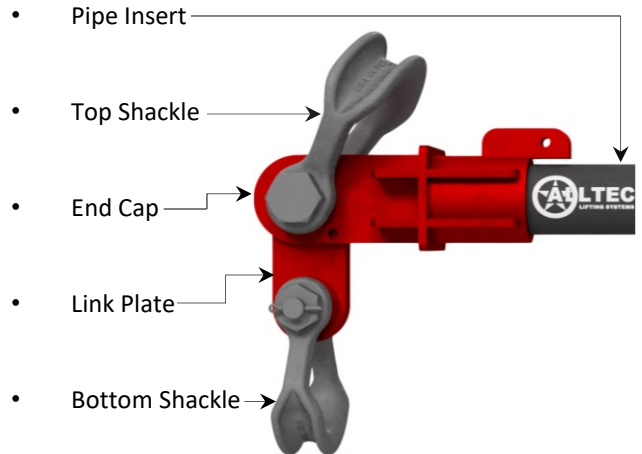
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
3'- 0"	56	62	60	66
4'- 0"	56	62	60	66
5'- 0"	54	60	60	66
6'- 0"	52	57	60	66
7'- 0"	48	53	60	66
8'- 0"	44	48	60	66
9'- 0"	39	43	60	66
10'- 0"	34	38	60	66
11'- 0"	29	32	51	56
12'- 0"	25	27	44	48
13'- 0"	21	23	36	40
14'- 0"	17	19	30	33
15'- 0"	15	16	25	28
16'- 0"	12	13	22	24
17'- 0"	11	12	18	20
18'- 0"	9	10	16	18
19'- 0"	8	9	14	15
20'- 0"	6	7	12	13

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 4in Pipe Insert (Pipe4XS-52KSI)	1	15/ft	Per Config	Per Config
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 30mt WB Bottom Shackle	2	29	58	26
Link Plate: FLP-036 Link Plate	2	20	40	18
End Cap Length Deduction= 16"				
Total System Weight (Minus Pipe Weight)			284	129

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-04002A. R0

4" Double Spreader Bar – Config: 04002A

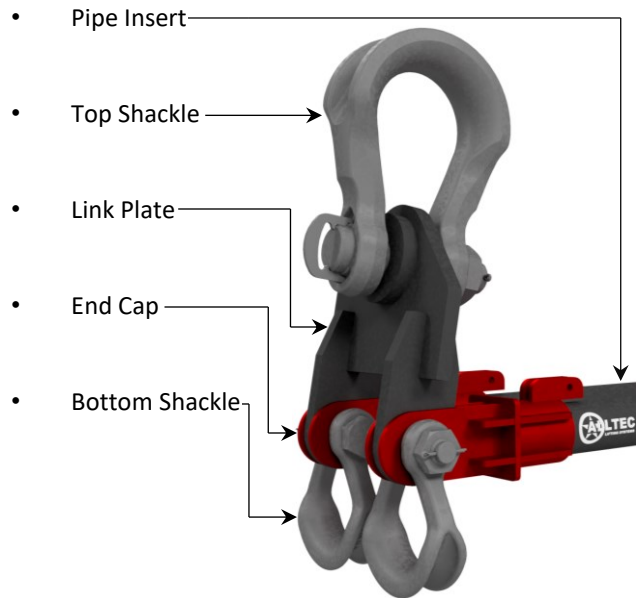
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
3'- 0"	120	132	160	176
4'- 0"	115	127	160	176
5'- 0"	110	121	160	176
6'- 0"	103	114	160	176
7'- 0"	96	106	160	176
8'- 0"	89	98	153	169
9'- 0"	79	87	138	152
10'- 0"	69	76	121	133
11'- 0"	59	65	103	114
12'- 0"	50	55	87	96
13'- 0"	42	46	74	81
14'- 0"	35	39	62	68
15'- 0"	30	33	53	58
16'- 0"	25	28	44	49
17'- 0"	22	24	38	42
18'- 0"	19	21	34	37
19'- 0"	16	18	29	32
20'- 0"	15	16	25	28

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 4in Double Pipe Insert (Pipe4XS-52KSI)	1	30/ft	Per Config	Per Config
End Cap: FEC-041 End Cap	4	47	188	85
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 40mt WBx2 Bottom Shackle	4	46	184	83
Link Plate: FLP-012 Link Plate	2	145	290	132
End Cap Length Deduction= 16"				
Total System Weight (Minus Pipe Weight)			1068	484

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05001A. R0

5" Adjustable Spreader Bar – Config: 05001A

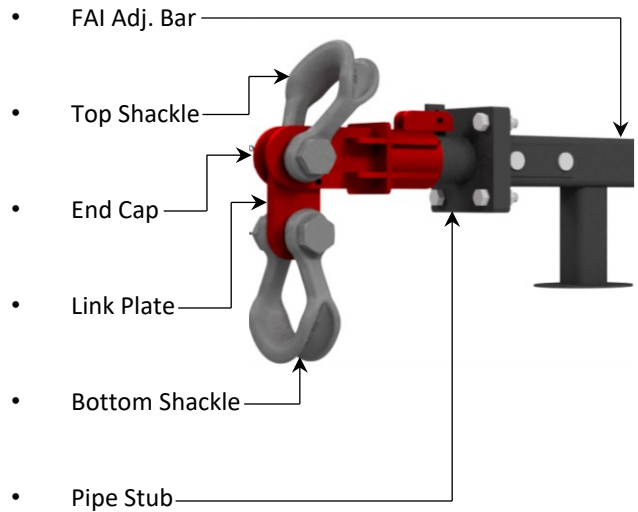
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
9'- 6"	48	53	69	76
10'- 0"	44	49	69	76
10'- 6"	41	45	69	76
11'- 0"	38	42	66	73
11'- 6"	35	39	61	67
12'- 0"	32	35	56	62
12'- 6"	30	33	52	57
13'- 0"	27	30	47	52
13'- 6"	25	27	43	47

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-102 (HSS4x4x1/2-46KSI)	1	377	377	171
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 40mt WB Bottom Shackle	2	46	92	42
Link Plate: FLP-036 Link Plate	2	20	40	18
Pipe Stub: FBC-040 Pipe Stub	2	40	80	36
Total System Weight (Minus Bolts/Pins)			775	352

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05001B. R0

5" Adjustable Spreader Bar – Config: 05001B

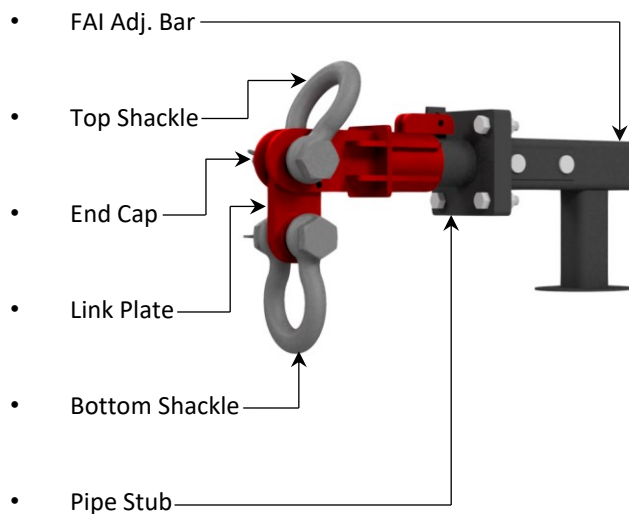
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
9'- 6"	34	38	43	47
10'- 0"	34	38	43	47
10'- 6"	34	38	43	47
11'- 0"	34	38	43	47
11'- 6"	34	38	43	47
12'- 0"	32	35	43	47
12'- 6"	30	33	43	47
13'- 0"	27	30	43	47
13'- 6"	25	27	43	47

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-102 (HSS4x4x1/2-46KSI)	1	377	377	171
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 25mt Bolt Top Shackle	2	34	68	31
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Link Plate: FLP-036 Link Plate	2	20	40	18
Pipe Stub: FBC-040 Pipe Stub	2	40	80	36
Total System Weight (Minus Bolts/Pins)			727	330

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05001C. R0

5" Adjustable Spreader Bar – Config: 05001C

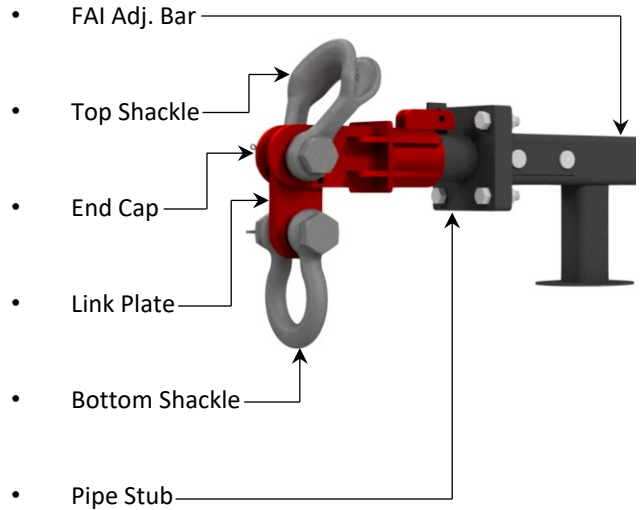
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
9'- 6"	48	53	50	55
10'- 0"	44	49	50	55
10'- 6"	41	45	50	55
11'- 0"	38	42	50	55
11'- 6"	35	39	50	55
12'- 0"	32	35	50	55
12'- 6"	30	33	50	55
13'- 0"	27	30	47	52
13'- 6"	25	27	43	47

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-102 (HSS4x4x1/2-46KSI)	1	377	377	171
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Link Plate: FLP-036 Link Plate	2	20	40	18
Pipe Stub: FBC-040 Pipe Stub	2	40	80	36
Total System Weight (Minus Bolts/Pins)			751	341

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05001D. R0

5" Adjustable Spreader Bar – Config: 05001D

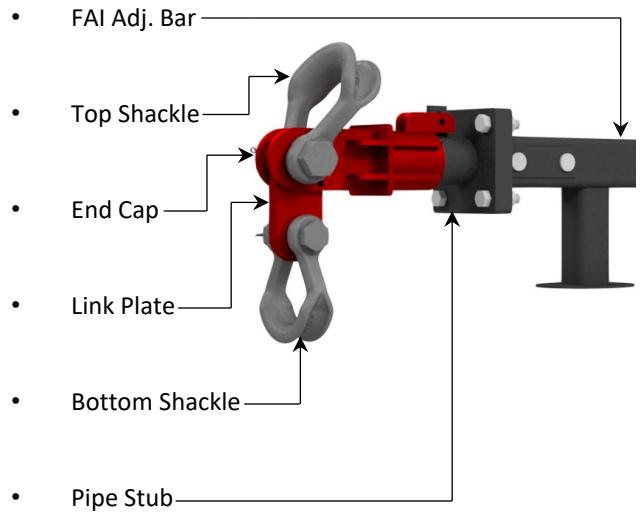
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
9'- 6"	48	53	60	66
10'- 0"	44	49	60	66
10'- 6"	41	45	60	66
11'- 0"	38	42	60	66
11'- 6"	35	39	60	66
12'- 0"	32	35	56	62
12'- 6"	30	33	52	57
13'- 0"	27	30	47	52
13'- 6"	25	27	43	47

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-102 (HSS4x4x1/2-46KSI)	1	377	377	171
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 30mt WB Bottom Shackle	2	29	58	26
Link Plate: FLP-036 Link Plate	2	20	40	18
Pipe Stub: FBC-040 Pipe Stub	2	40	80	36
Total System Weight (Minus Bolts/Pins)			741	336

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05002A. R0

5" Adjustable Spreader Bar – Config: 05002A

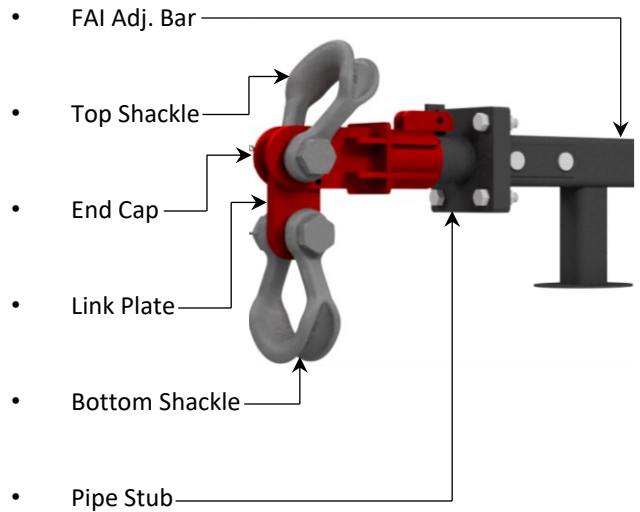
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
14'- 0"	23	25	40	44
14'- 6"	20	22	35	39
15'- 0"	19	21	33	36
15'- 6"	17	19	30	33
16'- 0"	16	18	28	31
16'- 6"	15	16	25	28
17'- 0"	14	15	24	26
17'- 6"	13	14	22	24
18'- 0"	12	13	21	23
18'- 6"	11	12	19	21
19'- 0"	10	11	18	20
19'- 6"	9	10	16	18
20'- 0"	9	10	15	17

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-103 (HSS4x4x1/2-46KSI)	1	540	540	245
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 40mt WB Bottom Shackle	2	46	92	42
Link Plate: FLP-036 Link Plate	2	20	40	18
Pipe Stub: FBC-040 Pipe Stub	2	40	80	36
Total System Weight (Minus Bolts/Pins)			938	426

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05002B. R0

5" Adjustable Spreader Bar – Config: 05002B

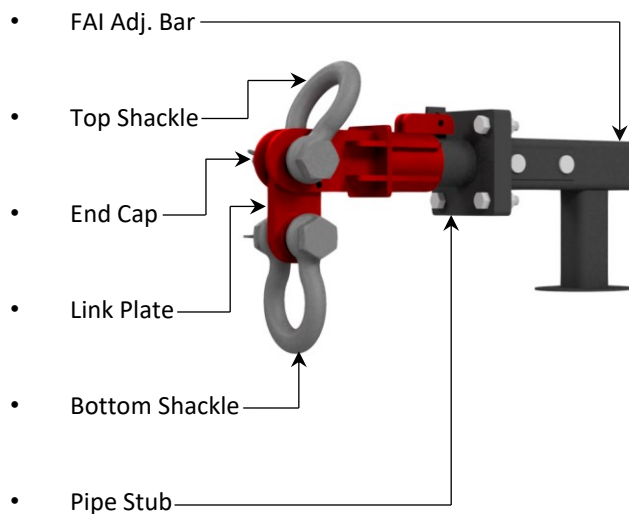
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
14'- 0"	23	25	40	44
14'- 6"	20	22	35	39
15'- 0"	19	21	33	36
15'- 6"	17	19	30	33
16'- 0"	16	18	28	31
16'- 6"	15	16	25	28
17'- 0"	14	15	24	26
17'- 6"	13	14	22	24
18'- 0"	12	13	21	23
18'- 6"	11	12	19	21
19'- 0"	10	11	18	20
19'- 6"	9	10	16	18
20'- 0"	9	10	15	17

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-103 (HSS4x4x1/2-46KSI)	1	540	540	245
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 25mt Bolt Top Shackle	2	34	68	31
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Link Plate: FLP-036 Link Plate	2	20	40	18
Pipe Stub: FBC-040 Pipe Stub	2	40	80	36
Total System Weight (Minus Bolts/Pins)			890	404

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05002C. R0

5" Adjustable Spreader Bar – Config: 05002C

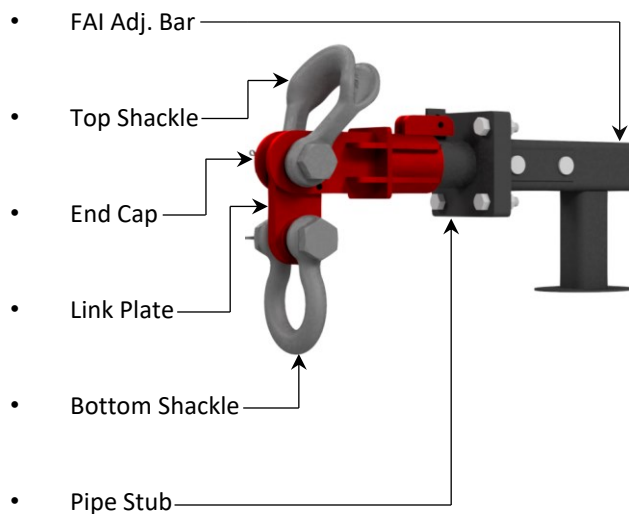
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
14'- 0"	23	25	40	44
14'- 6"	20	22	35	39
15'- 0"	19	21	33	36
15'- 6"	17	19	30	33
16'- 0"	16	18	28	31
16'- 6"	15	16	25	28
17'- 0"	14	15	24	26
17'- 6"	13	14	22	24
18'- 0"	12	13	21	23
18'- 6"	11	12	19	21
19'- 0"	10	11	18	20
19'- 6"	9	10	16	18
20'- 0"	9	10	15	17

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-103 (HSS4x4x1/2-46KSI)	1	540	540	245
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Link Plate: FLP-036 Link Plate	2	20	40	18
Pipe Stub: FBC-040 Pipe Stub	2	40	80	36
Total System Weight (Minus Bolts/Pins)			914	415

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05002D. R0

5" Adjustable Spreader Bar – Config: 05002D

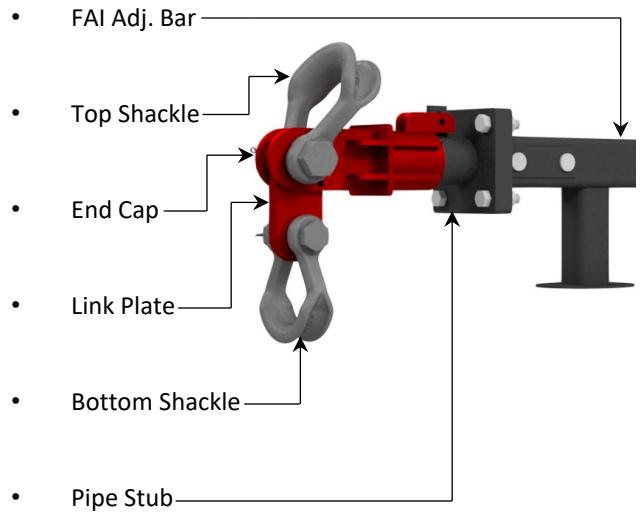
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
14'- 0"	23	25	40	44
14'- 6"	20	22	35	39
15'- 0"	19	21	33	36
15'- 6"	17	19	30	33
16'- 0"	16	18	28	31
16'- 6"	15	16	25	28
17'- 0"	14	15	24	26
17'- 6"	13	14	22	24
18'- 0"	12	13	21	23
18'- 6"	11	12	19	21
19'- 0"	10	11	18	20
19'- 6"	9	10	16	18
20'- 0"	9	10	15	17

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-103 (HSS4x4x1/2-46KSI)	1	540	540	245
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 30mt WB Bottom Shackle	2	29	58	26
Link Plate: FLP-036 Link Plate	2	20	40	18
Pipe Stub: FBC-040 Pipe Stub	2	40	80	36
Total System Weight (Minus Bolts/Pins)			904	410

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05003A. R0

5" Adjustable Spreader Bar – Config: 05003A

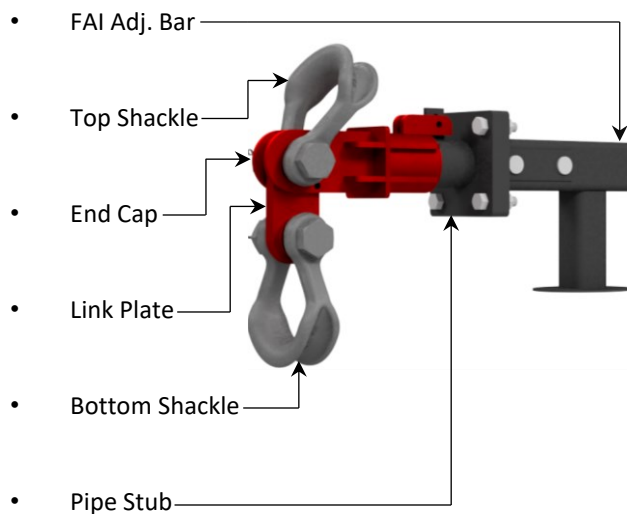
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
18'-6"	11	12	19	21
19'-0"	10	11	18	20
19'-6"	9	10	16	18
20'-0"	9	10	15	17
20'-6"	8	9	15	16
21'-0"	7	8	14	15
21'-6"	7	8	13	14
22'-0"	6	7	12	13
22'-6"	6	7	11	12
23'-0"	5	6	11	12
23'-6"	5	6	10	11
24'-0"	5	6	9	10
24'-6"	5	5	9	10

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-104 (HSS4x4x1/2-46KSI)	1	645	645	293
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 40mt WB Bottom Shackle	2	46	92	42
Link Plate: FLP-036 Link Plate	2	20	40	18
Pipe Stub: FBC-040 Pipe Stub	2	40	80	36
Total System Weight (Minus Bolts/Pins)			1043	474

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05003B. R0

5" Adjustable Spreader Bar – Config: 05003B

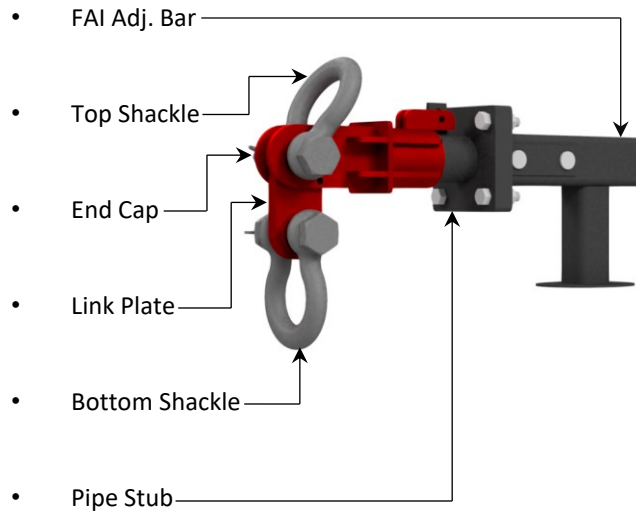
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
18'-6"	11	12	19	21
19'-0"	10	11	18	20
19'-6"	9	10	16	18
20'-0"	9	10	15	17
20'-6"	8	9	15	16
21'-0"	7	8	14	15
21'-6"	7	8	13	14
22'-0"	6	7	12	13
22'-6"	6	7	11	12
23'-0"	5	6	11	12
23'-6"	5	6	10	11
24'-0"	5	6	9	10
24'-6"	5	5	9	10

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-104 (HSS4x4x1/2-46KSI)	1	645	645	293
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 25mt Bolt Top Shackle	2	34	68	31
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Link Plate: FLP-036 Link Plate	2	20	40	18
Pipe Stub: FBC-040 Pipe Stub	2	40	80	36
Total System Weight (Minus Bolts/Pins)			995	452

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05003C. R0

5" Adjustable Spreader Bar – Config: 05003C

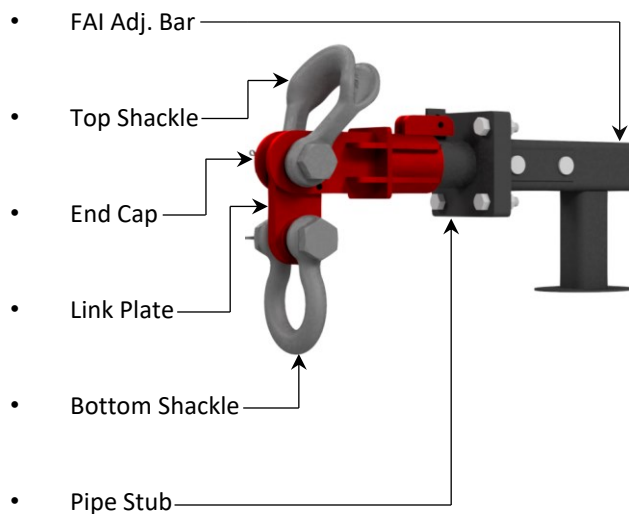
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
18'-6"	11	12	19	21
19'-0"	10	11	18	20
19'-6"	9	10	16	18
20'-0"	9	10	15	17
20'-6"	8	9	15	16
21'-0"	7	8	14	15
21'-6"	7	8	13	14
22'-0"	6	7	12	13
22'-6"	6	7	11	12
23'-0"	5	6	11	12
23'-6"	5	6	10	11
24'-0"	5	6	9	10
24'-6"	5	5	9	10

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-104 (HSS4x4x1/2-46KSI)	1	645	645	293
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Link Plate: FLP-036 Link Plate	2	20	40	18
Pipe Stub: FBC-040 Pipe Stub	2	40	80	36
Total System Weight (Minus Bolts/Pins)			1019	463

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05003D. R0

5" Adjustable Spreader Bar – Config: 05003D

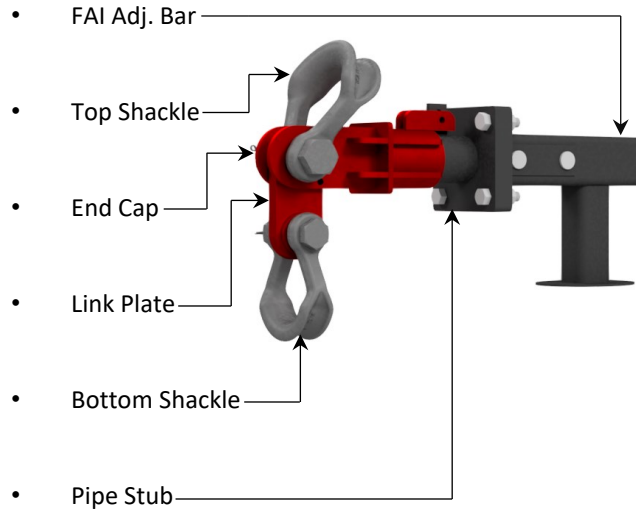
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
18'-6"	11	12	19	21
19'-0"	10	11	18	20
19'-6"	9	10	16	18
20'-0"	9	10	15	17
20'-6"	8	9	15	16
21'-0"	7	8	14	15
21'-6"	7	8	13	14
22'-0"	6	7	12	13
22'-6"	6	7	11	12
23'-0"	5	6	11	12
23'-6"	5	6	10	11
24'-0"	5	6	9	10
24'-6"	5	5	9	10

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-103 (HSS4x4x1/2-46KSI)	1	645	645	293
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 30mt WB Bottom Shackle	2	29	58	26
Link Plate: FLP-036 Link Plate	2	20	40	18
Pipe Stub: FBC-040 Pipe Stub	2	40	80	36
Total System Weight (Minus Bolts/Pins)			1009	410

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05005A. R0

5" Adjustable Spreader Bar – Config: 05005A

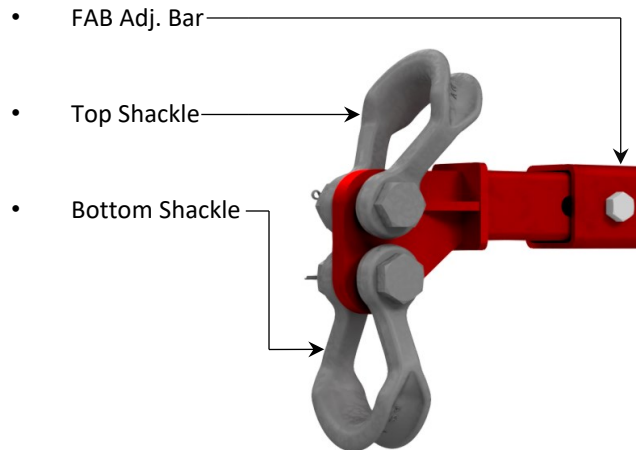
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
7'- 0"	42	46	52	57
7'- 6"	42	46	52	57
8'- 0"	42	46	52	57
8'- 6"	42	46	52	57
9'- 0"	42	46	52	57
9'- 6"	40	44	52	57
10'- 0"	37	41	52	57
10'- 6"	34	38	52	57

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-002 (HSS4x4x3/8-46KSI)	1	472	472	214
Top Shackle: 30mt WB Top Shackle	2	29	58	26
Bottom Shackle: 30mt WB Bottom Shackle	2	29	58	26
Total System Weight (Minus Bolts/Pins)			588	266

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05005B. R0

5" Adjustable Spreader Bar – Config: 05005B

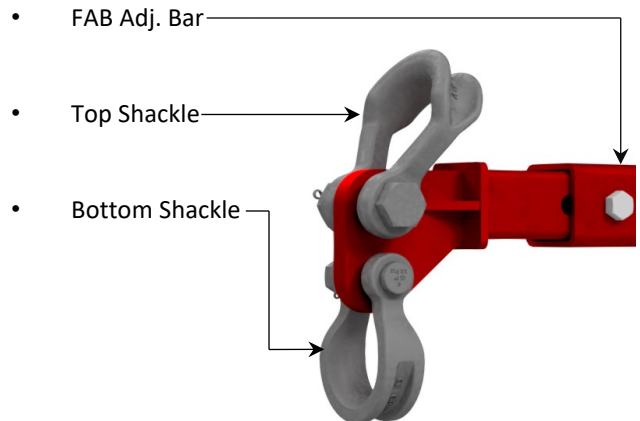
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
7'- 0"	35	39	35	39
7'- 6"	35	39	35	39
8'- 0"	35	39	35	39
8'- 6"	35	39	35	39
9'- 0"	35	39	35	39
9'- 6"	35	39	35	39
10'- 0"	35	39	35	39
10'- 6"	34	38	35	39

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-002 (HSS4x4x3/8-46KSI)	1	472	472	214
Top Shackle: 30mt WB Top Shackle	2	29	58	26
Bottom Shackle: 18mt WB Bottom Shackle	2	15	30	14
Total System Weight (Minus Bolts/Pins)			560	254

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05006A. R0

5" Adjustable Spreader Bar – Config: 05006A

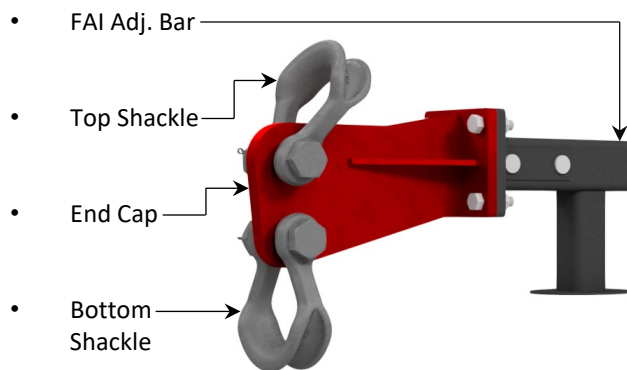
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
9'- 6"	48	53	69	76
10'- 0"	44	49	69	76
10'- 6"	41	45	69	76
11'- 0"	38	42	66	73
11'- 6"	35	39	61	67
12'- 0"	32	35	56	62
12'- 6"	30	33	52	57
13'- 0"	27	30	47	52
13'- 6"	25	27	43	47

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-102 (HSS4x4x1/2-46KSI)	1	377	377	171
End Cap: FBC-042 End Cap	2	125	250	113
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 40mt WB Bottom Shackle	2	46	92	42
Total System Weight (Minus Bolts/Pins)			811	368

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05006B. R0

5" Adjustable Spreader Bar – Config: 05006B

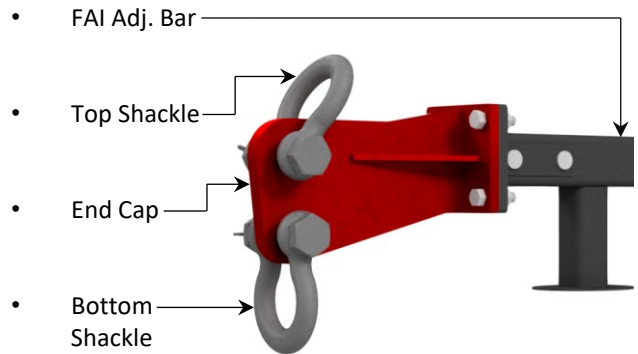
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
9'- 6"	34	38	43	47
10'- 0"	34	38	43	47
10'- 6"	34	38	43	47
11'- 0"	34	38	43	47
11'- 6"	34	38	43	47
12'- 0"	32	35	43	47
12'- 6"	30	33	43	47
13'- 0"	27	30	43	47
13'- 6"	25	27	43	47

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-102 (HSS4x4x1/2-46KSI)	1	377	377	171
End Cap: FBC-042 End Cap	2	125	250	113
Top Shackle: 25mt Bolt Top Shackle	2	34	68	31
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Total System Weight (Minus Bolts/Pins)			763	346

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05006C. R0

5" Adjustable Spreader Bar – Config: 05006C

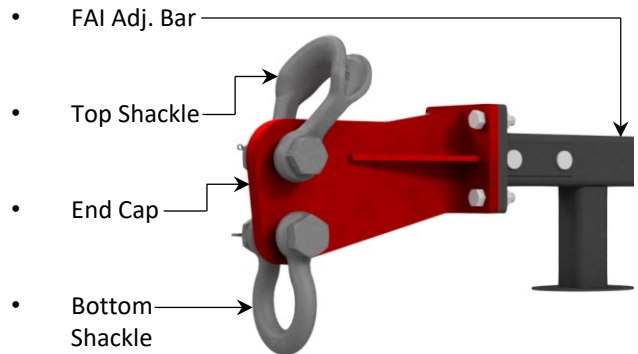
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
9'- 6"	48	53	50	55
10'- 0"	44	49	50	55
10'- 6"	41	45	50	55
11'- 0"	38	42	50	55
11'- 6"	35	39	50	55
12'- 0"	32	35	50	55
12'- 6"	30	33	50	55
13'- 0"	27	30	47	52
13'- 6"	25	27	43	47

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-102 (HSS4x4x1/2-46KSI)	1	377	377	171
End Cap: FBC-042 End Cap	2	125	250	113
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Total System Weight (Minus Bolts/Pins)			787	357

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05006D. R0

5" Adjustable Spreader Bar – Config: 05006D

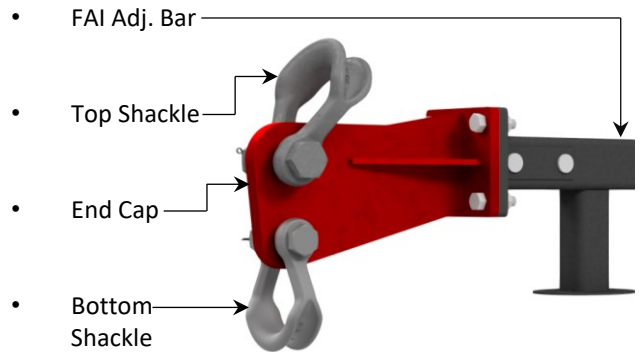
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
9'- 6"	48	53	60	66
10'- 0"	44	49	60	66
10'- 6"	41	45	60	66
11'- 0"	38	42	60	66
11'- 6"	35	39	60	66
12'- 0"	32	35	56	62
12'- 6"	30	33	52	57
13'- 0"	27	30	47	52
13'- 6"	25	27	43	47

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-102 (HSS4x4x1/2-46KSI)	1	377	377	171
End Cap: FBC-042 End Cap	2	125	250	113
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 30mt WB Bottom Shackle	2	29	58	26
Total System Weight (Minus Bolts/Pins)			777	352

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05007A. R0

5" Adjustable Spreader Bar – Config: 05007A

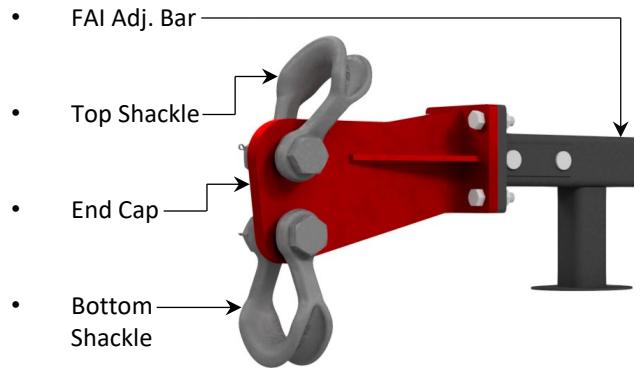
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
14'- 0"	23	25	40	44
14'- 6"	20	22	35	39
15'- 0"	19	21	33	36
15'- 6"	17	19	30	33
16'- 0"	16	18	28	31
16'- 6"	15	16	25	28
17'- 0"	14	15	24	26
17'- 6"	13	14	22	24
18'- 0"	12	13	21	23
18'- 6"	11	12	19	21
19'- 0"	10	11	18	20
19'- 6"	9	10	16	18
20'- 0"	9	10	15	17

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-103 (HSS4x4x1/2-46KSI)	1	540	540	245
End Cap: FBC-042 End Cap	2	125	250	113
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 40mt WB Bottom Shackle	2	46	92	42
Total System Weight (Minus Bolts/Pins)			974	442

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05007B. R0

5" Adjustable Spreader Bar – Config: 05007B

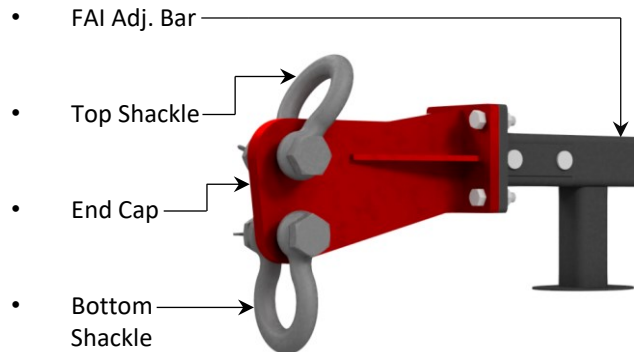
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
14'- 0"	23	25	40	44
14'- 6"	20	22	35	39
15'- 0"	19	21	33	36
15'- 6"	17	19	30	33
16'- 0"	16	18	28	31
16'- 6"	15	16	25	28
17'- 0"	14	15	24	26
17'- 6"	13	14	22	24
18'- 0"	12	13	21	23
18'- 6"	11	12	19	21
19'- 0"	10	11	18	20
19'- 6"	9	10	16	18
20'- 0"	9	10	15	17

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-103 (HSS4x4x1/2-46KSI)	1	540	540	245
End Cap: FBC-042 End Cap	2	125	250	113
Top Shackle: 25mt Bolt Top Shackle	2	34	68	31
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Total System Weight (Minus Bolts/Pins)			926	420

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05007C. R0

5" Adjustable Spreader Bar – Config: 05007C

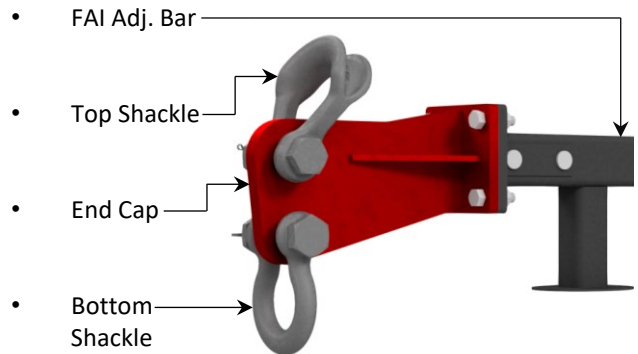
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
14'- 0"	23	25	40	44
14'- 6"	20	22	35	39
15'- 0"	19	21	33	36
15'- 6"	17	19	30	33
16'- 0"	16	18	28	31
16'- 6"	15	16	25	28
17'- 0"	14	15	24	26
17'- 6"	13	14	22	24
18'- 0"	12	13	21	23
18'- 6"	11	12	19	21
19'- 0"	10	11	18	20
19'- 6"	9	10	16	18
20'- 0"	9	10	15	17

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-103 (HSS4x4x1/2-46KSI)	1	540	540	245
End Cap: FBC-042 End Cap	2	125	250	113
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Total System Weight (Minus Bolts/Pins)			950	431

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05007D. R0

5" Adjustable Spreader Bar – Config: 05007D

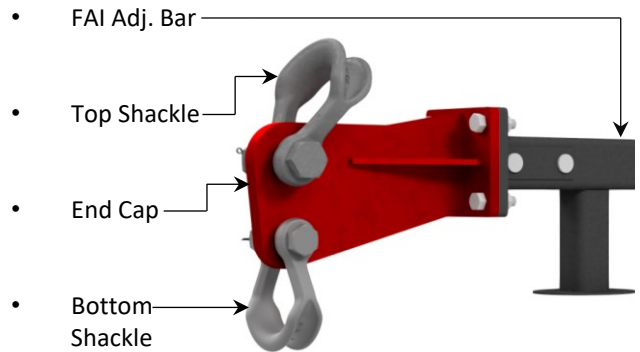
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
14'- 0"	23	25	40	44
14'- 6"	20	22	35	39
15'- 0"	19	21	33	36
15'- 6"	17	19	30	33
16'- 0"	16	18	28	31
16'- 6"	15	16	25	28
17'- 0"	14	15	24	26
17'- 6"	13	14	22	24
18'- 0"	12	13	21	23
18'- 6"	11	12	19	21
19'- 0"	10	11	18	20
19'- 6"	9	10	16	18
20'- 0"	9	10	15	17

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-103 (HSS4x4x1/2-46KSI)	1	377	377	171
End Cap: FBC-042 End Cap	2	125	250	113
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 30mt WB Bottom Shackle	2	29	58	26
Total System Weight (Minus Bolts/Pins)			777	352

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05008A. R0

5" Adjustable Spreader Bar – Config: 05008A

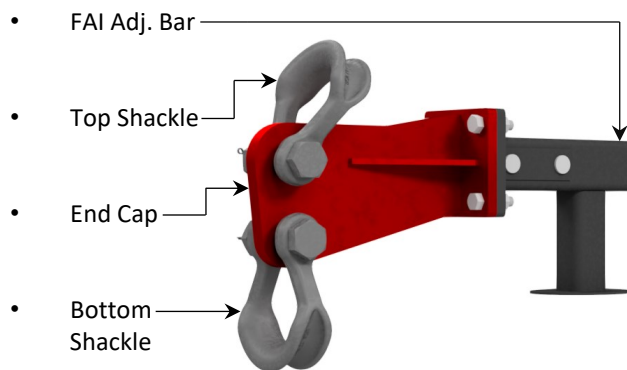
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
18'-6"	11	12	19	21
19'-0"	10	11	18	20
19'-6"	9	10	16	18
20'-0"	9	10	15	17
20'-6"	8	9	15	16
21'-0"	7	8	14	15
21'-6"	7	8	13	14
22'-0"	6	7	12	13
22'-6"	6	7	11	12
23'-0"	5	6	11	12
23'-6"	5	6	10	11
24'-0"	5	6	9	10
24'-6"	5	5	9	10

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-104 (HSS4x4x1/2-46KSI)	1	645	645	293
End Cap: FBC-042 End Cap	2	125	250	113
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 40mt WB Bottom Shackle	2	46	92	42
Total System Weight (Minus Bolts/Pins)			1079	489

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05008B. R0

5" Adjustable Spreader Bar – Config: 05008B

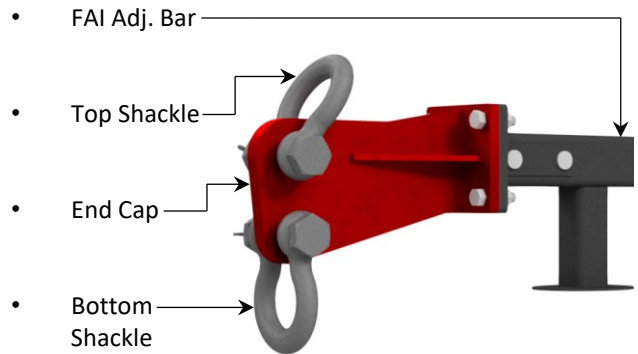
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
18'- 6"	11	12	19	21
19'- 0"	10	11	18	20
19'- 6"	9	10	16	18
20'- 0"	9	10	15	17
20'- 6"	8	9	15	16
21'- 0"	7	8	14	15
21'- 6"	7	8	13	14
22'- 0"	6	7	12	13
22'- 6"	6	7	11	12
23'- 0"	5	6	11	12
23'- 6"	5	6	10	11
24'- 0"	5	6	9	10
24'- 6"	5	5	9	10

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-104 (HSS4x4x1/2-46KSI)	1	645	645	293
End Cap: FBC-042 End Cap	2	125	250	113
Top Shackle: 25mt Bolt Top Shackle	2	34	68	31
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Total System Weight (Minus Bolts/Pins)			1031	468

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05008C. R0

5" Adjustable Spreader Bar – Config: 05008C

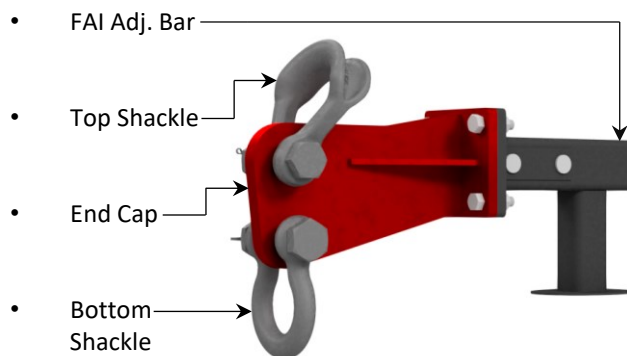
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
18'- 6"	11	12	19	21
19'- 0"	10	11	18	20
19'- 6"	9	10	16	18
20'- 0"	9	10	15	17
20'- 6"	8	9	15	16
21'- 0"	7	8	14	15
21'- 6"	7	8	13	14
22'- 0"	6	7	12	13
22'- 6"	6	7	11	12
23'- 0"	5	6	11	12
23'- 6"	5	6	10	11
24'- 0"	5	6	9	10
24'- 6"	5	5	9	10

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-104 (HSS4x4x1/2-46KSI)	1	645	645	293
End Cap: FBC-042 End Cap	2	125	250	113
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Total System Weight (Minus Bolts/Pins)			1055	479

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05008D. R0

5" Adjustable Spreader Bar – Config: 05008D

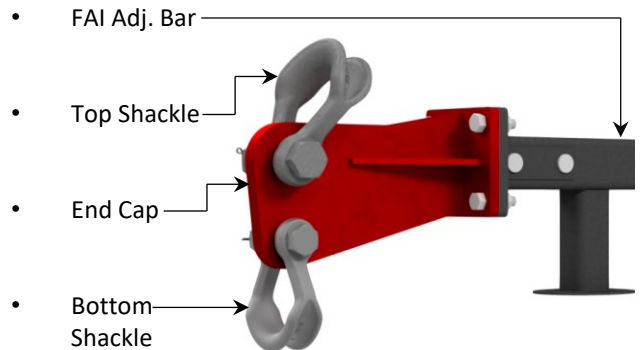
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
18'- 6"	11	12	19	21
19'- 0"	10	11	18	20
19'- 6"	9	10	16	18
20'- 0"	9	10	15	17
20'- 6"	8	9	15	16
21'- 0"	7	8	14	15
21'- 6"	7	8	13	14
22'- 0"	6	7	12	13
22'- 6"	6	7	11	12
23'- 0"	5	6	11	12
23'- 6"	5	6	10	11
24'- 0"	5	6	9	10
24'- 6"	5	5	9	10

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Adj. Bar: FAI-104 (HSS4x4x1/2-46KSI)	1	645	645	645
End Cap: FBC-042 End Cap	2	125	250	113
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 30mt WB Bottom Shackle	2	29	58	26
Total System Weight (Minus Bolts/Pins)			1045	474

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-06001A. R0

6" Spreader Bar – Config: 06001A

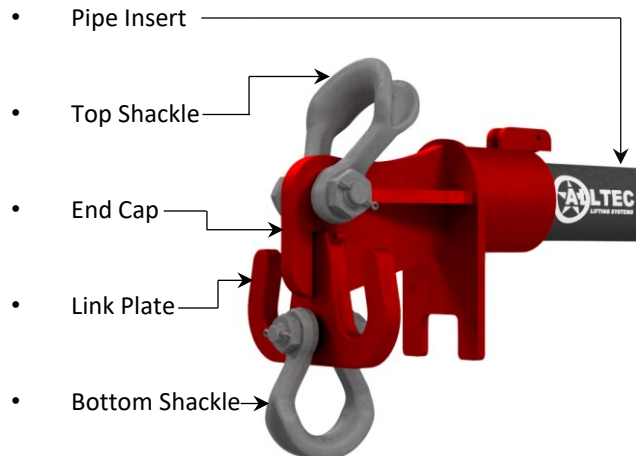
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
3'- 0"	56	62	60	66
4'- 0"	56	62	60	66
5'- 0"	56	62	60	66
6'- 0"	56	62	60	66
7'- 0"	56	62	60	66
8'- 0"	56	62	60	66
9'- 0"	56	62	60	66
10'- 0"	56	62	60	66
11'- 0"	56	62	60	66
12'- 0"	56	62	60	66
13'- 0"	56	62	60	66
14'- 0"	56	62	60	66
15'- 0"	56	62	60	66
16'- 0"	55	61	60	66
17'- 0"	49	54	60	66
18'- 0"	44	48	60	66
19'- 0"	38	42	60	66
20'- 0"	34	37	59	65

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 6in Pipe Insert (Pipe6XS-52KSI)	1	29/ft	Per Config	Per Config
End Cap: FEC-062 End Cap	2	195	390	177
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 30mt WB Bottom Shackle	2	29	58	26
Link Plate: Welded to End Cap	2	---	---	---
End Cap Length Deduction= 24"				
Total System Weight (Minus Pipe Weight)			540	245

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-06002A. R0

6" Spreader Bar – Config: 06002A

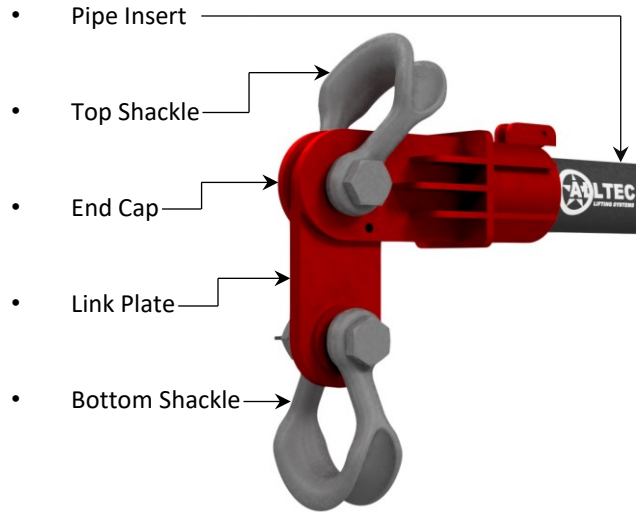
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
3'- 0"	77	85	94	104
4'- 0"	77	85	94	104
5'- 0"	77	85	94	104
6'- 0"	77	85	94	104
7'- 0"	77	85	94	104
8'- 0"	77	85	94	104
9'- 0"	77	85	94	104
10'- 0"	77	85	94	104
11'- 0"	77	85	94	104
12'- 0"	77	85	94	104
13'- 0"	74	82	94	104
14'- 0"	68	75	94	104
15'- 0"	62	68	94	104
16'- 0"	55	61	94	104
17'- 0"	49	54	85	94
18'- 0"	44	48	75	83
19'- 0"	38	42	67	74
20'- 0"	34	37	59	65
21'- 0"	29	32	51	56
22'- 0"	26	29	45	50
23'- 0"	24	26	41	45
24'- 0"	21	23	36	40
25'- 0"	19	21	33	36

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 6in Pipe Insert (Pipe6XS-52KSI)	1	29/ft	Per Config	Per Config
End Cap: FEC-061 End Cap	2	150	300	136
Top Shackle: 55mt WB Top Shackle	2	68	136	62
Bottom Shackle: 55mt WB Bottom Shackle	2	68	136	62
Link Plate: FLP-006 Link Plate	2	60	120	54
End Cap Length Deduction= 24"				
Total System Weight (Minus Pipe Weight)			692	314

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-06002B. R0

6" Spreader Bar – Config: 06002B

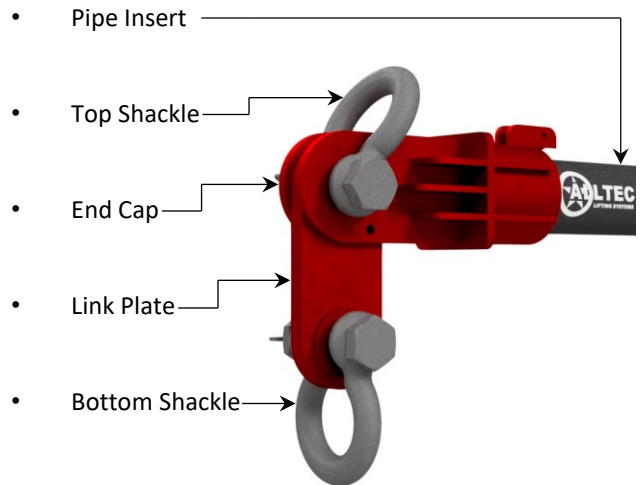
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
3'- 0"	49	54	60	66
4'- 0"	49	54	60	66
5'- 0"	49	54	60	66
6'- 0"	49	54	60	66
7'- 0"	49	54	60	66
8'- 0"	49	54	60	66
9'- 0"	49	54	60	66
10'- 0"	49	54	60	66
11'- 0"	49	54	60	66
12'- 0"	49	54	60	66
13'- 0"	49	54	60	66
14'- 0"	49	54	60	66
15'- 0"	49	54	60	66
16'- 0"	49	54	60	66
17'- 0"	49	54	60	66
18'- 0"	44	48	60	66
19'- 0"	38	42	60	66
20'- 0"	34	37	59	65
21'- 0"	29	32	51	56
22'- 0"	26	29	45	50
23'- 0"	24	26	41	45
24'- 0"	21	23	36	40
25'- 0"	19	21	33	36

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 6in Pipe Insert (Pipe6XS-52KSI)	1	29/ft	Per Config	Per Config
End Cap: FEC-061 End Cap	2	150	300	136
Top Shackle: 35mt Bolt Top Shackle	2	53	106	48
Bottom Shackle: 35mt Bolt Bottom Shackle	2	53	106	48
Link Plate: FLP-006 Link Plate	2	60	120	54
End Cap Length Deduction= 24"				
Total System Weight (Minus Pipe Weight)			632	286

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-06002C. R0

6" Spreader Bar – Config: 06002C

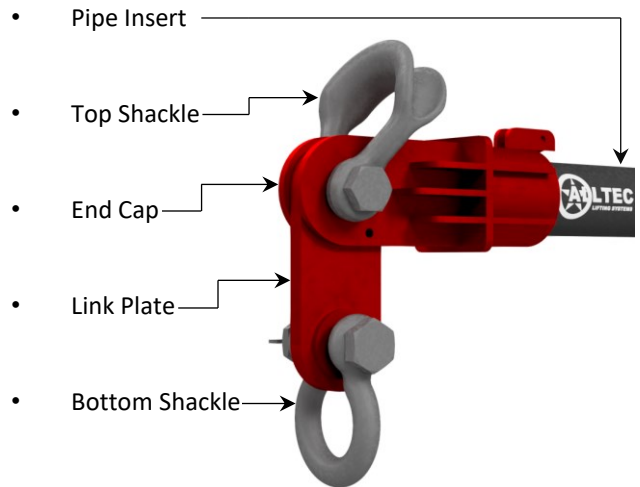
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
3'- 0"	70	77	70	77
4'- 0"	70	77	70	77
5'- 0"	70	77	70	77
6'- 0"	70	77	70	77
7'- 0"	70	77	70	77
8'- 0"	70	77	70	77
9'- 0"	70	77	70	77
10'- 0"	70	77	70	77
11'- 0"	70	77	70	77
12'- 0"	70	77	70	77
13'- 0"	70	77	70	77
14'- 0"	68	75	70	77
15'- 0"	62	68	70	77
16'- 0"	55	61	70	77
17'- 0"	49	54	70	77
18'- 0"	44	48	70	77
19'- 0"	38	42	67	74
20'- 0"	34	37	59	65
21'- 0"	29	32	51	56
22'- 0"	26	29	45	50
23'- 0"	24	26	41	45
24'- 0"	21	23	36	40
25'- 0"	19	21	33	36

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 6in Pipe Insert (Pipe6XS-52KSI)	1	29/ft	Per Config	Per Config
End Cap: FEC-061 End Cap	2	150	300	136
Top Shackle: 55mt WB Top Shackle	2	68	136	62
Bottom Shackle: 35mt Bolt Bottom Shackle	2	53	106	48
Link Plate: FLP-006 Link Plate	2	60	120	54
End Cap Length Deduction= 24"				
Total System Weight (Minus Pipe Weight)			662	300

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-06003A. R0

6" Adjustable Spreader Bar – Config: 06003A

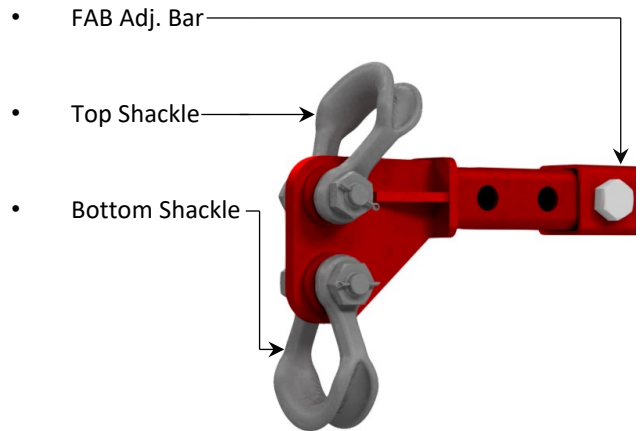
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
8'- 0"	56	62	69	76
8'- 6"	56	62	69	76
9'- 0"	56	62	69	76
9'- 6"	56	62	69	76
10'- 0"	56	62	69	76
10'- 6"	56	62	69	76
11'- 0"	56	62	69	76
11'- 6"	56	62	69	76
12'- 0"	56	62	69	76

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-003 (HSS5x5x1/2-46KSI)	1	632	632	287
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 40mt WB Bottom Shackle	2	46	92	42
Total System Weight (Minus Bolts/Pins)			816	371

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-06003B. R0

6" Adjustable Spreader Bar – Config: 06003B

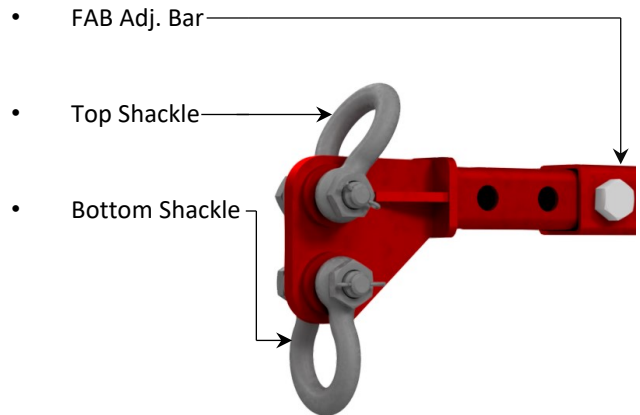
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
8'- 0"	34	38	43	47
8'- 6"	34	38	43	47
9'- 0"	34	38	43	47
9'- 6"	34	38	43	47
10'- 0"	34	38	43	47
10'- 6"	34	38	43	47
11'- 0"	34	38	43	47
11'- 6"	34	38	43	47
12'- 0"	32	35	43	47

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-003 (HSS5x5x1/2-46KSI)	1	632	632	287
Top Shackle: 25mt Bolt Top Shackle	2	34	68	31
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Total System Weight (Minus Bolts/Pins)			768	349

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-06003C. R0

6" Adjustable Spreader Bar – Config: 06003C

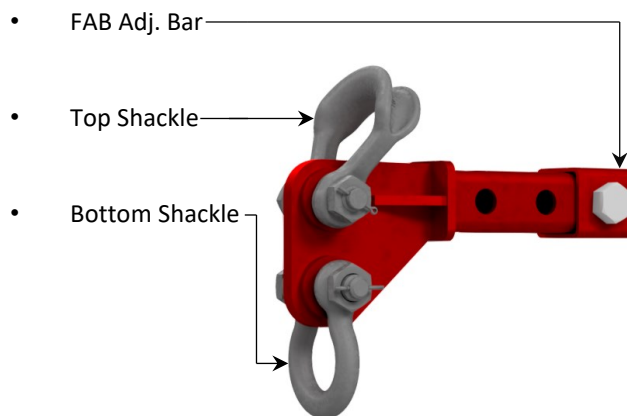
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
8'- 0"	50	55	50	55
8'- 6"	50	55	50	55
9'- 0"	50	55	50	55
9'- 6"	50	55	50	55
10'- 0"	50	55	50	55
10'- 6"	50	55	50	55
11'- 0"	50	55	50	55
11'- 6"	50	55	50	55
12'- 0"	50	55	50	55

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-003 (HSS5x5x1/2-46KSI)	1	632	632	287
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Total System Weight (Minus Bolts/Pins)			792	360

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-06004A. R0

6" Adjustable Spreader Bar – Config: 06004A

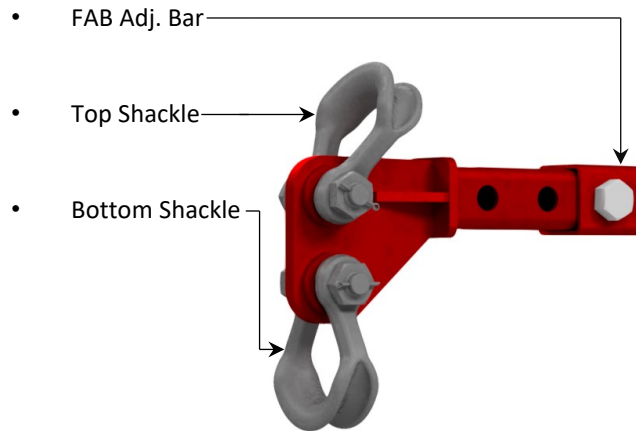
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
13'- 0"	56	62	69	76
13'- 6"	53	58	69	76
14'- 0"	50	55	69	76
14'- 6"	46	51	69	76
15'- 0"	44	48	69	76
15'- 6"	41	45	69	76
16'- 0"	38	42	66	73
16'- 6"	35	39	62	68
17'- 0"	33	36	57	63
17'- 6"	31	34	54	59
18'- 0"	28	31	49	54
18'- 6"	26	29	45	50
19'- 0"	25	27	43	47
19'- 6"	23	25	40	44
20'- 0"	22	24	37	41

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-004 (HSS5x5x1/2-46KSI)	1	1063	1063	482
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 40mt WB Bottom Shackle	2	46	92	42
Total System Weight (Minus Bolts/Pins)			1247	566

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-06004B. R0

6" Adjustable Spreader Bar – Config: 06004B

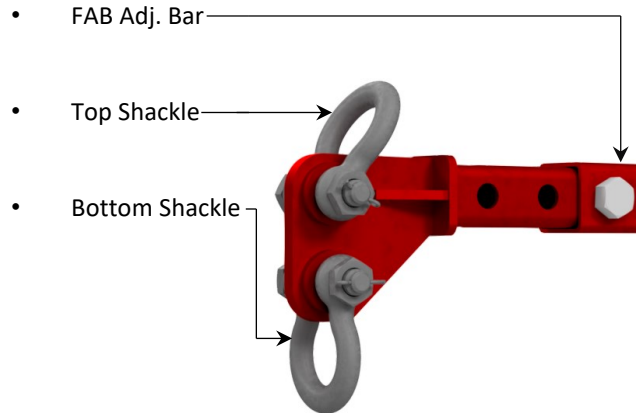
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
13'- 0"	34	38	43	47
13'- 6"	34	38	43	47
14'- 0"	34	38	43	47
14'- 6"	34	38	43	47
15'- 0"	34	38	43	47
15'- 6"	34	38	43	47
16'- 0"	34	38	43	47
16'- 6"	34	38	43	47
17'- 0"	33	36	43	47
17'- 6"	31	34	43	47
18'- 0"	28	31	43	47
18'- 6"	26	29	43	47
19'- 0"	25	27	43	47
19'- 6"	23	25	40	44
20'- 0"	22	24	37	41

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-004 (HSS5x5x1/2-46KSI)	1	1063	1063	482
Top Shackle: 25mt Bolt Top Shackle	2	34	68	31
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Total System Weight (Minus Bolts/Pins)			1199	544

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-06004C. R0

6" Adjustable Spreader Bar – Config: 06004C

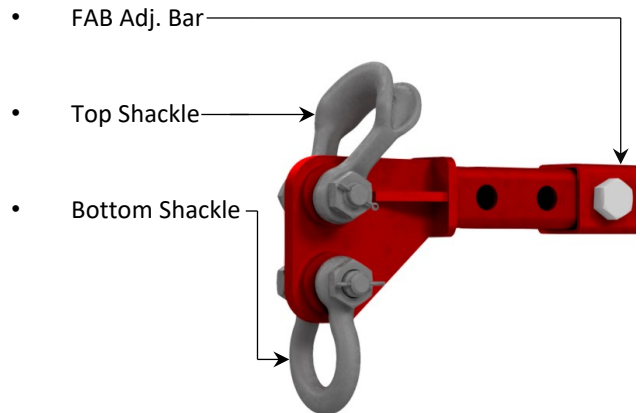
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
13'- 0"	50	55	50	55
13'- 6"	50	55	50	55
14'- 0"	50	55	50	55
14'- 6"	46	51	50	55
15'- 0"	44	48	50	55
15'- 6"	41	45	50	55
16'- 0"	38	42	50	55
16'- 6"	35	39	50	55
17'- 0"	33	36	50	55
17'- 6"	31	34	50	55
18'- 0"	28	31	49	54
18'- 6"	26	29	45	50
19'- 0"	25	27	43	47
19'- 6"	23	25	40	44
20'- 0"	22	24	37	41

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-004 (HSS5x5x1/2-46KSI)	1	1063	1063	482
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Total System Weight (Minus Bolts/Pins)			1223	555

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-08001A. R0

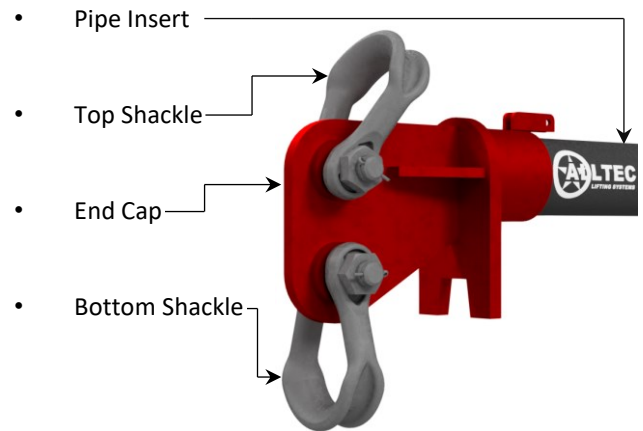
8" Spreader Bar – Config: 08001A

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
5'- 0"	105	116	130	143
6'- 0"	105	116	130	143
7'- 0"	105	116	130	143
8'- 0"	105	116	130	143
9'- 0"	105	116	130	143
10'- 0"	105	116	130	143
11'- 0"	105	116	130	143
12'- 0"	105	116	130	143
13'- 0"	105	116	130	143
14'- 0"	105	116	130	143
15'- 0"	105	116	130	143
16'- 0"	105	116	130	143
17'- 0"	105	116	130	143
18'- 0"	103	114	130	143
19'- 0"	95	105	130	143
20'- 0"	87	96	130	143
21'- 0"	80	88	130	143
22'- 0"	74	81	127	140
23'- 0"	66	73	116	128
24'- 0"	61	67	105	116
25'- 0"	55	61	95	105
26'- 0"	50	55	86	95
27'- 0"	45	50	79	87

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
28'- 0"	40	44	70	77
29'- 0"	36	40	64	70
30'- 0"	34	37	58	64
31'- 0"	31	34	54	59
32'- 0"	28	31	49	54
33'- 0"	25	28	44	49
34'- 0"	24	26	41	45

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 8in Pipe Insert (Pipe8XS-52KSI)	1	44/ft	Per Config	Per Config
End Cap: FEC-082 End Cap	2	335	670	304
Top Shackle: 75mt WB Top Shackle	2	106	212	96
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
End Cap Length Deduction= 32"				
Total System Weight (Minus Pipe Weight)			1094	496

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-08001B. R0

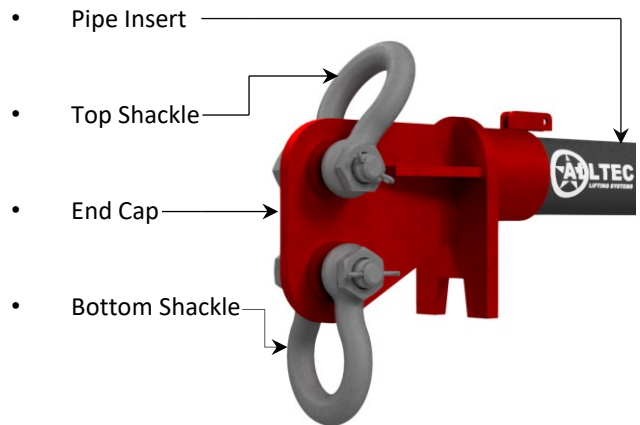
8" Spreader Bar – Config: 08001B

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
5'- 0"	77	85	94	104
6'- 0"	77	85	94	104
7'- 0"	77	85	94	104
8'- 0"	77	85	94	104
9'- 0"	77	85	94	104
10'- 0"	77	85	94	104
11'- 0"	77	85	94	104
12'- 0"	77	85	94	104
13'- 0"	77	85	94	104
14'- 0"	77	85	94	104
15'- 0"	77	85	94	104
16'- 0"	77	85	94	104
17'- 0"	77	85	94	104
18'- 0"	77	85	94	104
19'- 0"	77	85	94	104
20'- 0"	77	85	94	104
21'- 0"	77	85	94	104
22'- 0"	74	81	94	104
23'- 0"	66	73	94	104
24'- 0"	61	67	94	104
25'- 0"	55	61	94	104
26'- 0"	50	55	86	95
27'- 0"	45	50	79	87

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
28'- 0"	40	44	70	77
29'- 0"	36	40	64	70
30'- 0"	34	37	58	64
31'- 0"	31	34	54	59
32'- 0"	28	31	49	54
33'- 0"	25	28	44	49
34'- 0"	24	26	41	45

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 8in Pipe Insert (Pipe8XS-52KSI)	1	44/ft	Per Config	Per Config
End Cap: FEC-082 End Cap	2	335	670	304
Top Shackle: 55mt Bolt Top Shackle	2	98	196	89
Bottom Shackle: 55mt Bolt Bottom Shackle	2	98	196	89
End Cap Length Deduction= 32"				
Total System Weight (Minus Pipe Weight)			1062	482

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-08001C. R0

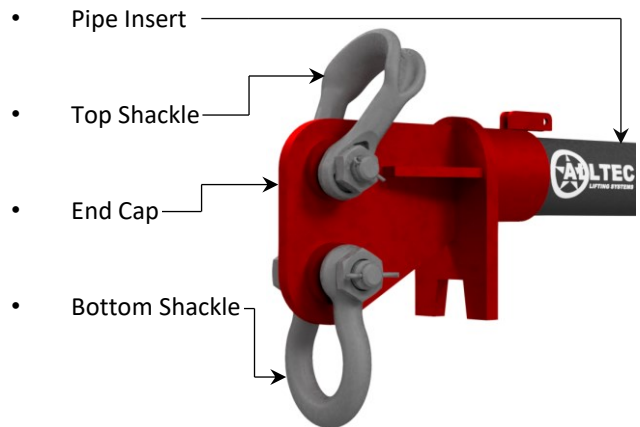
8" Spreader Bar – Config: 08001C

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
5'- 0"	105	116	110	121
6'- 0"	105	116	110	121
7'- 0"	105	116	110	121
8'- 0"	105	116	110	121
9'- 0"	105	116	110	121
10'- 0"	105	116	110	121
11'- 0"	105	116	110	121
12'- 0"	105	116	110	121
13'- 0"	105	116	110	121
14'- 0"	105	116	110	121
15'- 0"	105	116	110	121
16'- 0"	105	116	110	121
17'- 0"	105	116	110	121
18'- 0"	103	114	110	121
19'- 0"	95	105	110	121
20'- 0"	87	96	110	121
21'- 0"	80	88	110	121
22'- 0"	74	81	110	121
23'- 0"	66	73	110	121
24'- 0"	61	67	105	116
25'- 0"	55	61	95	105
26'- 0"	50	55	86	95
27'- 0"	45	50	79	87

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
28'- 0"	40	44	70	77
29'- 0"	36	40	64	70
30'- 0"	34	37	58	64
31'- 0"	31	34	54	59
32'- 0"	28	31	49	54
33'- 0"	25	28	44	49
34'- 0"	24	26	41	45

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 8in Pipe Insert (Pipe8XS-52KSI)	1	44/ft	Per Config	Per Config
End Cap: FEC-082 End Cap	2	335	670	304
Top Shackle: 75mt WB Top Shackle	2	106	212	96
Bottom Shackle: 55mt Bolt Bottom Shackle	2	98	196	89
End Cap Length Deduction= 32"				
Total System Weight (Minus Pipe Weight)			1078	489

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-08002A. R0

8" Spreader Bar – Config: 08002A

Capacity Chart

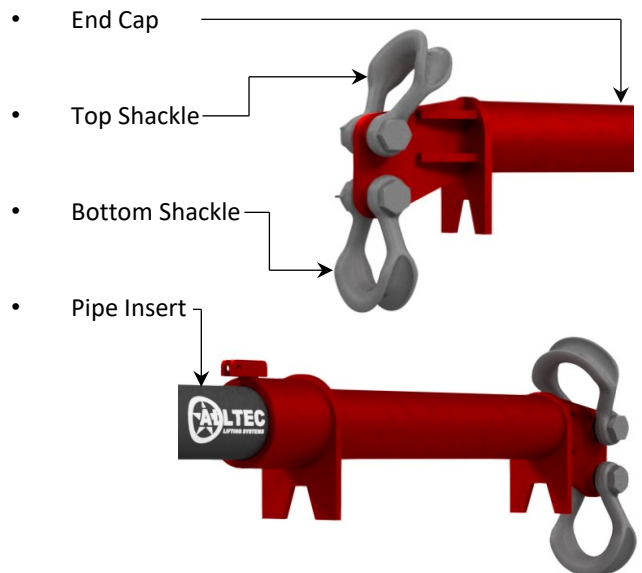
Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
12'- 0"	77	85	94	104
13'- 0"	77	85	94	104
14'- 0"	77	85	94	104
15'- 0"	77	85	94	104
16'- 0"	77	85	94	104
17'- 0"	77	85	94	104
18'- 0"	77	85	94	104
19'- 0"	77	85	94	104
20'- 0"	77	85	94	104
21'- 0"	77	85	94	104
22'- 0"	74	81	94	104
23'- 0"	66	73	94	104
24'- 0"	61	67	94	104
25'- 0"	55	61	94	104
26'- 0"	50	55	87	96
27'- 0"	45	50	79	87
28'- 0"	40	44	70	77
29'- 0"	36	40	64	70
30'- 0"	34	37	58	64
31'- 0"	31	34	54	59
32'- 0"	28	31	49	54
33'- 0"	25	28	44	49
34'- 0"	24	26	41	45

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
35'- 0"	22	24	38	42
36'- 0"	20	22	34	38
37'- 0"	18	20	32	35
38'- 0"	17	19	30	33
39'- 0"	15	17	27	30
40'- 0"	15	16	25	28
41'- 0"	14	15	24	26

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 8in Pipe Insert (Pipe8XS-52KSI)	1	44/ft	Per Config	Per Config
End Cap: FEC-083 End Cap	2	420	840	381
Top Shackle: 55mt WB Top Shackle	2	68	136	62
Bottom Shackle: 55mt WB Bottom Shackle	2	68	136	62
End Cap Length Deduction= 120"				
Total System Weight (Minus Pipe Weight)			1112	505

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-08002B. R0

8" Spreader Bar – Config: 08002B

Capacity Chart

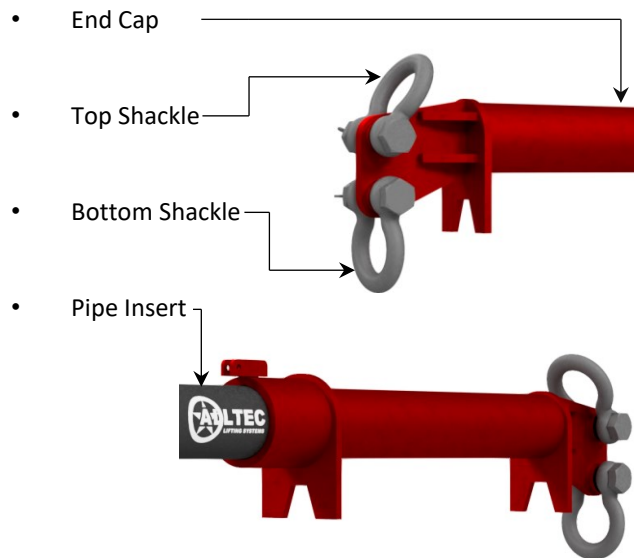
Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
12'- 0"	49	54	60	66
13'- 0"	49	54	60	66
14'- 0"	49	54	60	66
15'- 0"	49	54	60	66
16'- 0"	49	54	60	66
17'- 0"	49	54	60	66
18'- 0"	49	54	60	66
19'- 0"	49	54	60	66
20'- 0"	49	54	60	66
21'- 0"	49	54	60	66
22'- 0"	49	54	60	66
23'- 0"	49	54	60	66
24'- 0"	49	54	60	66
25'- 0"	49	54	60	66
26'- 0"	49	54	60	66
27'- 0"	45	50	60	66
28'- 0"	40	44	60	66
29'- 0"	36	40	60	66
30'- 0"	34	37	58	64
31'- 0"	31	34	54	59
32'- 0"	28	31	49	54
33'- 0"	25	28	44	49
34'- 0"	24	26	41	45

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
35'- 0"	22	24	38	42
36'- 0"	20	22	34	38
37'- 0"	18	20	32	35
38'- 0"	17	19	30	33
39'- 0"	15	17	27	30
40'- 0"	15	16	25	28
41'- 0"	14	15	24	26

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 8in Pipe Insert (Pipe8XS-52KSI)	1	44/ft	Per Config	Per Config
End Cap: FEC-083 End Cap	2	420	840	381
Top Shackle: 35mt Bolt Top Shackle	2	53	106	48
Bottom Shackle: 35mt Bolt Bottom Shackle	2	53	106	48
End Cap Length Deduction= 120"				
Total System Weight (Minus Pipe Weight)			1052	477

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-08002C. R0

8" Spreader Bar – Config: 08002C

Capacity Chart

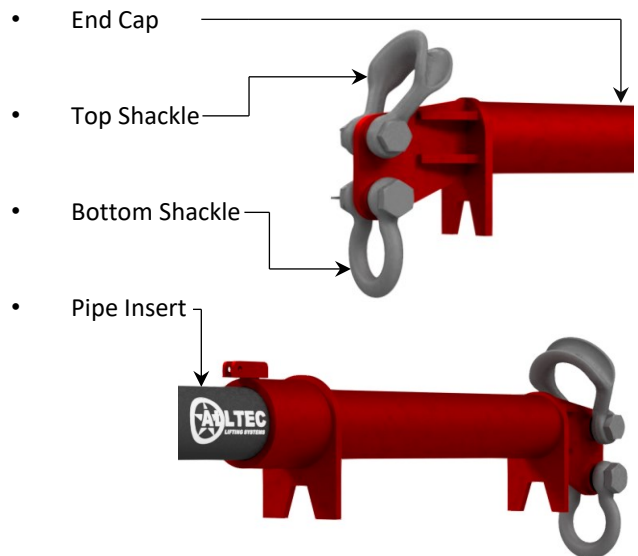
Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
12'- 0"	70	77	70	77
13'- 0"	70	77	70	77
14'- 0"	70	77	70	77
15'- 0"	70	77	70	77
16'- 0"	70	77	70	77
17'- 0"	70	77	70	77
18'- 0"	70	77	70	77
19'- 0"	70	77	70	77
20'- 0"	70	77	70	77
21'- 0"	70	77	70	77
22'- 0"	70	77	70	77
23'- 0"	66	73	70	77
24'- 0"	61	67	70	77
25'- 0"	55	61	70	77
26'- 0"	50	55	70	77
27'- 0"	45	50	70	77
28'- 0"	40	44	70	77
29'- 0"	36	40	64	70
30'- 0"	34	37	58	64
31'- 0"	31	34	54	59
32'- 0"	28	31	49	54
33'- 0"	25	28	44	49
34'- 0"	24	26	41	45

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
35'- 0"	22	24	38	42
36'- 0"	20	22	34	38
37'- 0"	18	20	32	35
38'- 0"	17	19	30	33
39'- 0"	15	17	27	30
40'- 0"	15	16	25	28
41'- 0"	14	15	24	26

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 8in Pipe Insert (Pipe8XS-52KSI)	1	44/ft	Per Config	Per Config
End Cap: FEC-083 End Cap	2	420	840	381
Top Shackle: 55mt WB Top Shackle	2	68	136	62
Bottom Shackle: 35mt Bolt Bottom Shackle	2	53	106	48
End Cap Length Deduction= 120"				
Total System Weight (Minus Pipe Weight)			1082	491

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-08003A. R0

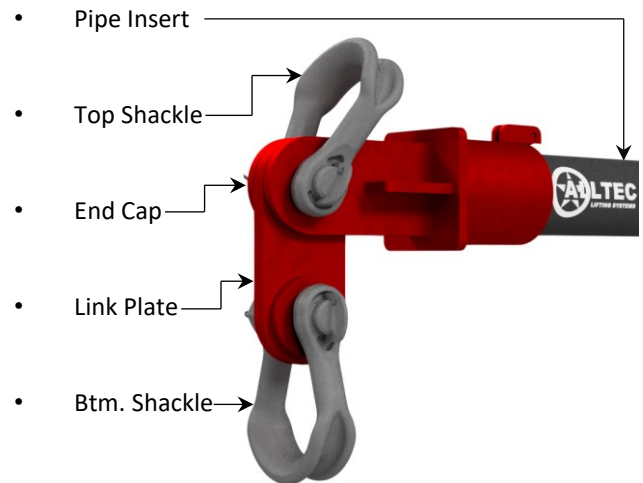
8" Spreader Bar – Config: 08003A

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
5'- 0"	105	116	130	143
6'- 0"	105	116	130	143
7'- 0"	105	116	130	143
8'- 0"	105	116	130	143
9'- 0"	105	116	130	143
10'- 0"	105	116	130	143
11'- 0"	105	116	130	143
12'- 0"	105	116	130	143
13'- 0"	105	116	130	143
14'- 0"	105	116	130	143
15'- 0"	105	116	130	143
16'- 0"	105	116	130	143
17'- 0"	105	116	130	143
18'- 0"	103	114	130	143
19'- 0"	95	105	130	143
20'- 0"	87	96	130	143
21'- 0"	80	88	130	143
22'- 0"	74	81	127	140
23'- 0"	66	73	116	128
24'- 0"	61	67	105	116
25'- 0"	55	61	95	105
26'- 0"	50	55	86	95
27'- 0"	45	50	79	87

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
28'- 0"	40	44	70	77
29'- 0"	36	40	64	70
30'- 0"	34	37	58	64
31'- 0"	31	34	54	59
32'- 0"	28	31	49	54
33'- 0"	25	28	44	49
34'- 0"	24	26	41	45

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 8in Pipe Insert (Pipe8XS-52KSI)	1	44/ft	Per Config	Per Config
End Cap: FEC-081 End Cap	2	239	478	217
Top Shackle: 75mt WB Top Shackle	2	106	212	96
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
Link Plate: FLP-008 Link Plate	2	80	160	73
End Cap Length Deduction= 30"				
Total System Weight (Minus Pipe Weight)			1062	482

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-08003B. R0

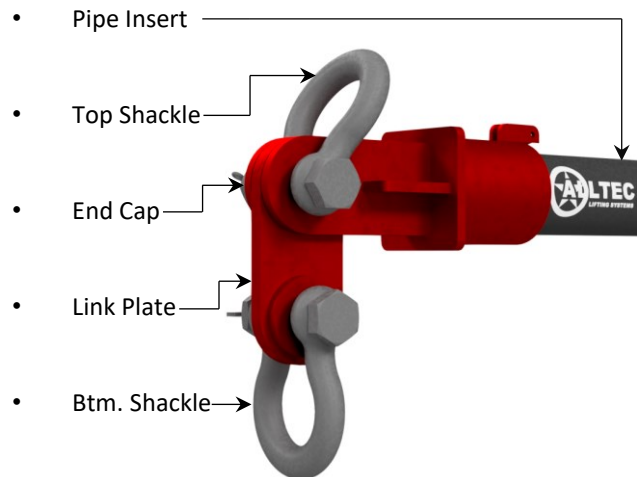
8" Spreader Bar – Config: 08003B

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
5'- 0"	77	85	94	104
6'- 0"	77	85	94	104
7'- 0"	77	85	94	104
8'- 0"	77	85	94	104
9'- 0"	77	85	94	104
10'- 0"	77	85	94	104
11'- 0"	77	85	94	104
12'- 0"	77	85	94	104
13'- 0"	77	85	94	104
14'- 0"	77	85	94	104
15'- 0"	77	85	94	104
16'- 0"	77	85	94	104
17'- 0"	77	85	94	104
18'- 0"	77	85	94	104
19'- 0"	77	85	94	104
20'- 0"	77	85	94	104
21'- 0"	77	85	94	104
22'- 0"	74	81	94	104
23'- 0"	66	73	94	104
24'- 0"	61	67	94	104
25'- 0"	55	61	94	104
26'- 0"	50	55	86	95
27'- 0"	45	50	79	87

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
28'- 0"	40	44	70	77
29'- 0"	36	40	64	70
30'- 0"	34	37	58	64
31'- 0"	31	34	54	59
32'- 0"	28	31	49	54
33'- 0"	25	28	44	49
34'- 0"	24	26	41	45

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 8in Pipe Insert (Pipe8XS-52KSI)	1	44/ft	Per Config	Per Config
End Cap: FEC-081 End Cap	2	239	478	217
Top Shackle: 55mt Bolt Top Shackle	2	98	196	89
Bottom Shackle: 55mt Bolt Bottom Shackle	2	98	196	89
Link Plate: FLP-008 Link Plate	2	80	160	73
End Cap Length Deduction= 30"				
Total System Weight (Minus Pipe Weight)			1030	468

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-08003C. R0

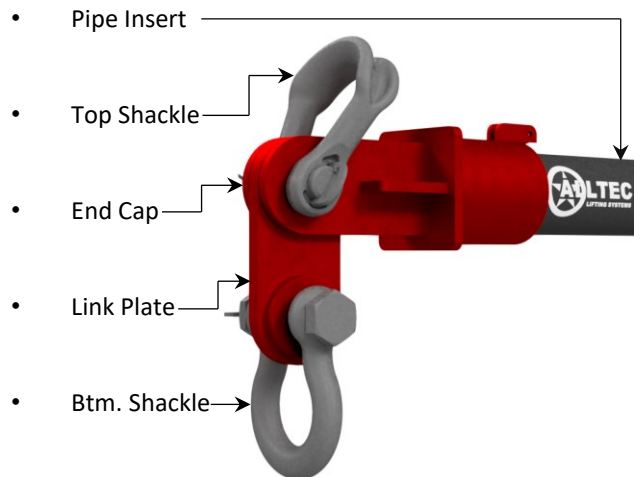
8" Spreader Bar – Config: 08003C

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
5'- 0"	105	116	110	121
6'- 0"	105	116	110	121
7'- 0"	105	116	110	121
8'- 0"	105	116	110	121
9'- 0"	105	116	110	121
10'- 0"	105	116	110	121
11'- 0"	105	116	110	121
12'- 0"	105	116	110	121
13'- 0"	105	116	110	121
14'- 0"	105	116	110	121
15'- 0"	105	116	110	121
16'- 0"	105	116	110	121
17'- 0"	105	116	110	121
18'- 0"	103	114	110	121
19'- 0"	95	105	110	121
20'- 0"	87	96	110	121
21'- 0"	80	88	110	121
22'- 0"	74	81	110	121
23'- 0"	66	73	110	121
24'- 0"	61	67	105	116
25'- 0"	55	61	95	105
26'- 0"	50	55	86	95
27'- 0"	45	50	79	87

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
28'- 0"	40	44	70	77
29'- 0"	36	40	64	70
30'- 0"	34	37	58	64
31'- 0"	31	34	54	59
32'- 0"	28	31	49	54
33'- 0"	25	28	44	49
34'- 0"	24	26	41	45

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 8in Pipe Insert (Pipe8XS-52KSI)	1	44/ft	Per Config	Per Config
End Cap: FEC-081 End Cap	2	239	478	217
Top Shackle: 75mt Bolt Top Shackle	2	106	212	96
Bottom Shackle: 55mt Bolt Bottom Shackle	2	98	196	89
Link Plate: FLP-008 Link Plate	2	80	160	73
End Cap Length Deduction= 30"				
Total System Weight (Minus Pipe Weight)			1046	475

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-08005A. R0

8" Spreader Bar – Config: 08005A

Capacity Chart

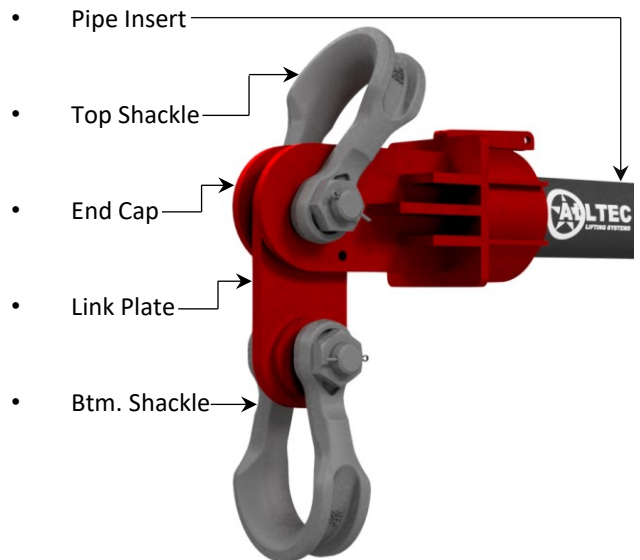
Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
5'- 0"	174	192	216	238
6'- 0"	172	189	216	238
7'- 0"	168	185	216	238
8'- 0"	164	181	216	238
9'- 0"	160	176	216	238
10'- 0"	155	171	216	238
11'- 0"	150	165	216	238
12'- 0"	144	159	216	238
13'- 0"	139	153	216	238
14'- 0"	132	146	216	238
15'- 0"	126	139	216	238
16'- 0"	119	131	206	227
17'- 0"	111	122	192	212
18'- 0"	103	114	179	197
19'- 0"	95	105	165	182
20'- 0"	87	96	152	167
21'- 0"	80	88	139	153
22'- 0"	74	81	127	140
23'- 0"	66	73	116	128
24'- 0"	61	67	105	116
25'- 0"	55	61	95	105
26'- 0"	50	55	86	95
27'- 0"	45	50	79	87

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
28'- 0"	40	44	70	77
29'- 0"	36	40	64	70
30'- 0"	34	37	58	64
31'- 0"	31	34	54	59
32'- 0"	28	31	49	54
33'- 0"	25	28	44	49
34'- 0"	24	26	41	45

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 8in Pipe Insert (Pipe8XS-52KSI)	1	44/ft	Per Config	Per Config
End Cap: FEC-122 End Cap	2	424	848	385
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 125mt WB Bottom Shackle	2	203	406	184
Link Plate: FLP-010 Link Plate	2	120	240	109
End Cap Length Deduction= 34"				
Total System Weight (Minus Pipe Weight)			1900	862

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-08005B. R0

8" Spreader Bar – Config: 08005B

Capacity Chart

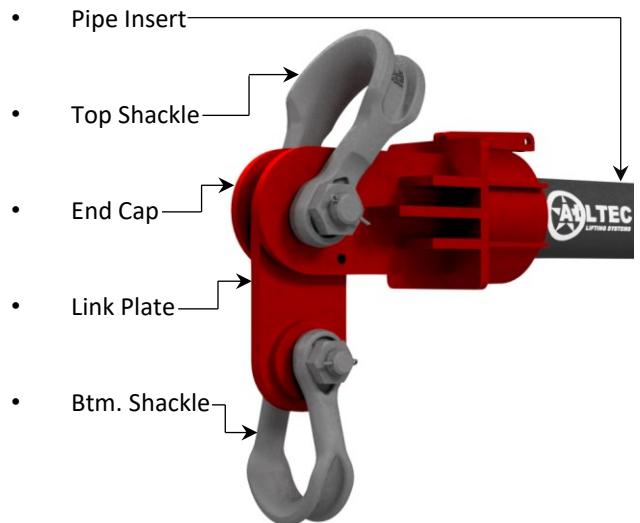
Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
5'- 0"	150	165	150	165
6'- 0"	150	165	150	165
7'- 0"	150	165	150	165
8'- 0"	150	165	150	165
9'- 0"	150	165	150	165
10'- 0"	150	165	150	165
11'- 0"	150	165	150	165
12'- 0"	144	159	150	165
13'- 0"	139	153	150	165
14'- 0"	132	146	150	165
15'- 0"	126	139	150	165
16'- 0"	119	131	150	165
17'- 0"	111	122	150	165
18'- 0"	103	114	150	165
19'- 0"	95	105	150	165
20'- 0"	87	96	150	165
21'- 0"	80	88	139	153
22'- 0"	74	81	127	140
23'- 0"	66	73	116	128
24'- 0"	61	67	105	116
25'- 0"	55	61	95	105
26'- 0"	50	55	86	95
27'- 0"	45	50	79	87

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
28'- 0"	40	44	70	77
29'- 0"	36	40	64	70
30'- 0"	34	37	58	64
31'- 0"	31	34	54	59
32'- 0"	28	31	49	54
33'- 0"	25	28	44	49
34'- 0"	24	26	41	45

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 8in Pipe Insert (Pipe8XS-52KSI)	1	44/ft	Per Config	Per Config
End Cap: FEC-122 End Cap	2	424	848	385
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
Link Plate: FLP-010 Link Plate	2	120	240	109
End Cap Length Deduction= 34"				
Total System Weight (Minus Pipe Weight)			1706	774

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-08005C. R0

8" Spreader Bar – Config: 08005C

Capacity Chart

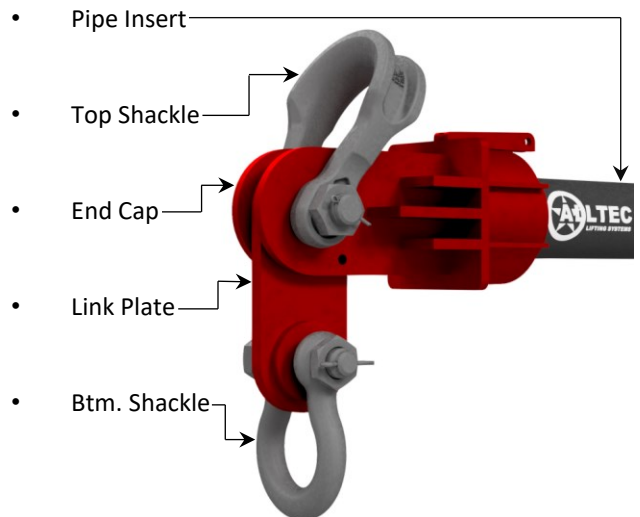
Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
5'- 0"	110	121	110	121
6'- 0"	110	121	110	121
7'- 0"	110	121	110	121
8'- 0"	110	121	110	121
9'- 0"	110	121	110	121
10'- 0"	110	121	110	121
11'- 0"	110	121	110	121
12'- 0"	110	121	110	121
13'- 0"	110	121	110	121
14'- 0"	110	121	110	121
15'- 0"	110	121	110	121
16'- 0"	110	121	110	121
17'- 0"	110	121	110	121
18'- 0"	103	114	110	121
19'- 0"	95	105	110	121
20'- 0"	87	96	110	121
21'- 0"	80	88	110	121
22'- 0"	74	81	110	121
23'- 0"	66	73	110	121
24'- 0"	61	67	105	116
25'- 0"	55	61	95	105
26'- 0"	50	55	86	95
27'- 0"	45	50	79	87

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
28'- 0"	40	44	70	77
29'- 0"	36	40	64	70
30'- 0"	34	37	58	64
31'- 0"	31	34	54	59
32'- 0"	28	31	49	54
33'- 0"	25	28	44	49
34'- 0"	24	26	41	45

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 8in Pipe Insert (Pipe8XS-52KSI)	1	44/ft	Per Config	Per Config
End Cap: FEC-122 End Cap	2	424	848	385
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 55mt Bolt Bottom Shackle	2	98	196	89
Link Plate: FLP-010 Link Plate	2	120	240	109
End Cap Length Deduction= 34"				
Total System Weight (Minus Pipe Weight)			1690	767

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-08006A. R0

8" Spreader Bar – Config: 08006A

Capacity Chart

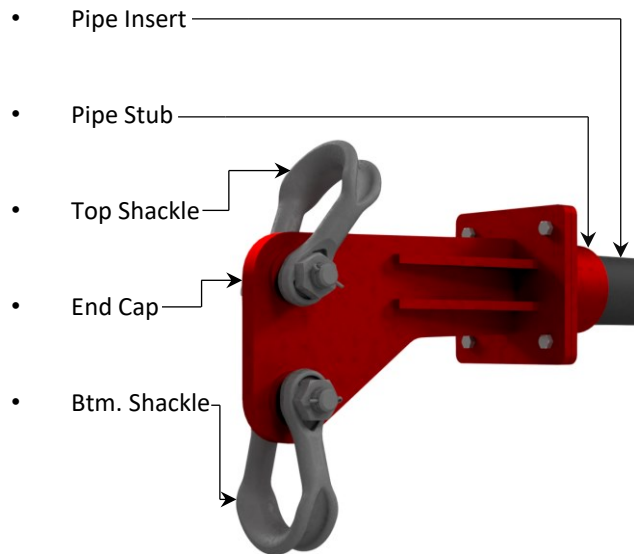
Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
5'- 0"	105	116	130	143
6'- 0"	105	116	130	143
7'- 0"	105	116	130	143
8'- 0"	105	116	130	143
9'- 0"	105	116	130	143
10'- 0"	105	116	130	143
11'- 0"	105	116	130	143
12'- 0"	105	116	130	143
13'- 0"	105	116	130	143
14'- 0"	105	116	130	143
15'- 0"	105	116	130	143
16'- 0"	105	116	130	143
17'- 0"	105	116	130	143
18'- 0"	103	114	130	143
19'- 0"	95	105	130	143
20'- 0"	87	96	130	143
21'- 0"	80	88	130	143
22'- 0"	74	81	127	140
23'- 0"	66	73	116	128
24'- 0"	61	67	105	116
25'- 0"	55	61	95	105
26'- 0"	50	55	86	95
27'- 0"	45	50	79	87

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
28'- 0"	40	44	70	77
29'- 0"	36	40	64	70
30'- 0"	34	37	58	64
31'- 0"	31	34	54	59
32'- 0"	28	31	49	54
33'- 0"	25	28	44	49
34'- 0"	24	26	41	45

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 8in Pipe Insert (Pipe8XS-52KSI)	1	44/ft	Per Config	Per Config
End Cap: FBC-082 Bolt on Cap	2	440	880	399
Top Shackle: 75mt WB Top Shackle	2	106	212	96
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
Pipe Stub: FBC-100 Pipe Stub	2	161	322	146
End Cap Length Deduction= 32"				
Total System Weight (Minus Pipe Weight)			1626	738

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-08006B. R0

8" Spreader Bar – Config: 08006B

Capacity Chart

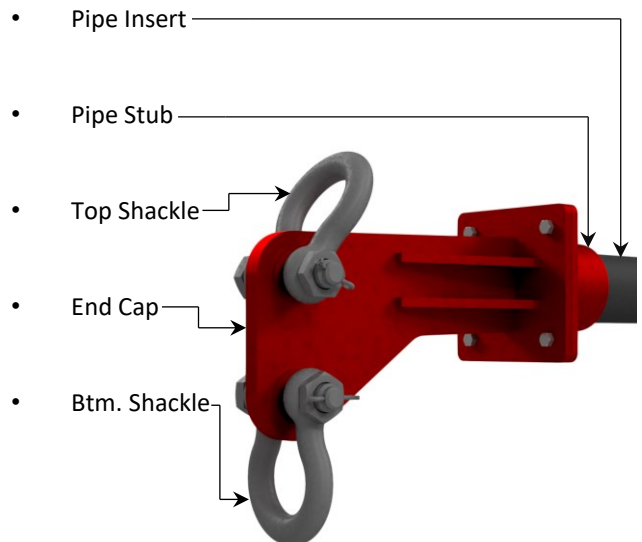
Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
5'- 0"	77	85	94	104
6'- 0"	77	85	94	104
7'- 0"	77	85	94	104
8'- 0"	77	85	94	104
9'- 0"	77	85	94	104
10'- 0"	77	85	94	104
11'- 0"	77	85	94	104
12'- 0"	77	85	94	104
13'- 0"	77	85	94	104
14'- 0"	77	85	94	104
15'- 0"	77	85	94	104
16'- 0"	77	85	94	104
17'- 0"	77	85	94	104
18'- 0"	77	85	94	104
19'- 0"	77	85	94	104
20'- 0"	77	85	94	104
21'- 0"	77	85	94	104
22'- 0"	74	81	94	104
23'- 0"	66	73	94	104
24'- 0"	61	67	94	104
25'- 0"	55	61	94	104
26'- 0"	50	55	86	95
27'- 0"	45	50	79	87

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
28'- 0"	40	44	70	77
29'- 0"	36	40	64	70
30'- 0"	34	37	58	64
31'- 0"	31	34	54	59
32'- 0"	28	31	49	54
33'- 0"	25	28	44	49
34'- 0"	24	26	41	45

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 8in Pipe Insert (Pipe8XS-52KSI)	1	44/ft	Per Config	Per Config
End Cap: FBC-082 Bolt on Cap	2	440	880	399
Top Shackle: 55mt Bolt Top Shackle	2	98	196	89
Bottom Shackle: 55mt Bolt Bottom Shackle	2	98	196	89
Pipe Stub: FBC-100 Pipe Stub	2	161	322	146
End Cap Length Deduction= 32"				
Total System Weight (Minus Pipe Weight)			1594	723

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-08006C. R0

8" Spreader Bar – Config: 08006C

Capacity Chart

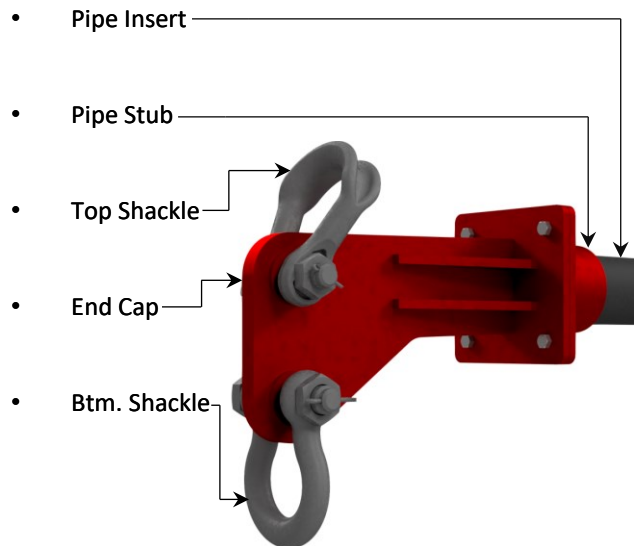
Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
5'- 0"	105	116	110	121
6'- 0"	105	116	110	121
7'- 0"	105	116	110	121
8'- 0"	105	116	110	121
9'- 0"	105	116	110	121
10'- 0"	105	116	110	121
11'- 0"	105	116	110	121
12'- 0"	105	116	110	121
13'- 0"	105	116	110	121
14'- 0"	105	116	110	121
15'- 0"	105	116	110	121
16'- 0"	105	116	110	121
17'- 0"	105	116	110	121
18'- 0"	103	114	110	121
19'- 0"	95	105	110	121
20'- 0"	87	96	110	121
21'- 0"	80	88	110	121
22'- 0"	74	81	110	121
23'- 0"	66	73	110	121
24'- 0"	61	67	105	116
25'- 0"	55	61	95	105
26'- 0"	50	55	86	95
27'- 0"	45	50	79	87

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
28'- 0"	40	44	70	77
29'- 0"	36	40	64	70
30'- 0"	34	37	58	64
31'- 0"	31	34	54	59
32'- 0"	28	31	49	54
33'- 0"	25	28	44	49
34'- 0"	24	26	41	45

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 8in Pipe Insert (Pipe8XS-52KSI)	1	44/ft	Per Config	Per Config
End Cap: FBC-082 Bolt on Cap	2	440	880	399
Top Shackle: 75mt WB Top Shackle	2	106	212	96
Bottom Shackle: 55mt Bolt Bottom Shackle	2	98	196	89
Pipe Stub: FBC-100 Pipe Stub	2	161	322	146
End Cap Length Deduction= 32"				
Total System Weight (Minus Pipe Weight)			1610	730

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12001A. R0

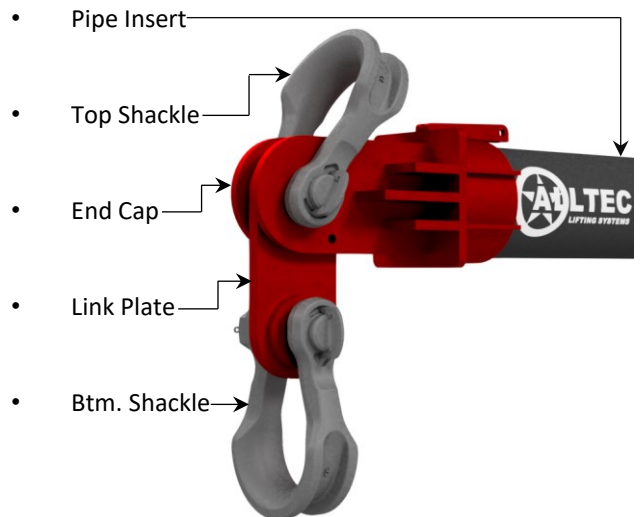
12" Spreader Bar – Config: 12001A

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
5'- 0"	176	194	216	238
6'- 0"	176	194	216	238
7'- 0"	176	194	216	238
8'- 0"	176	194	216	238
9'- 0"	176	194	216	238
10'- 0"	176	194	216	238
11'- 0"	176	194	216	238
12'- 0"	176	194	216	238
13'- 0"	176	194	216	238
14'- 0"	176	194	216	238
15'- 0"	176	194	216	238
16'- 0"	176	194	216	238
17'- 0"	176	194	216	238
18'- 0"	176	194	216	238
19'- 0"	176	194	216	238
20'- 0"	176	194	216	238
21'- 0"	176	194	216	238
22'- 0"	176	194	216	238
23'- 0"	175	193	216	238
24'- 0"	167	184	216	238
25'- 0"	159	175	216	238
26'- 0"	152	167	216	238
27'- 0"	143	158	216	238

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
28'- 0"	135	149	216	238
29'- 0"	127	140	216	238
30'- 0"	120	132	208	229
31'- 0"	113	124	196	216
32'- 0"	106	117	183	202
33'- 0"	99	109	172	190
34'- 0"	93	102	162	178

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 12in Pipe Insert (Pipe12XS-52KSI)	1	66/ft	Per Config	Per Config
End Cap: FEC-122 End Cap	2	424	848	385
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 125mt WB Bottom Shackle	2	203	406	184
Link Plate: FLP-010 Link Plate	2	120	240	109
End Cap Length Deduction= 34"				
Total System Weight (Minus Pipe Weight)			1900	862

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12001B. R0

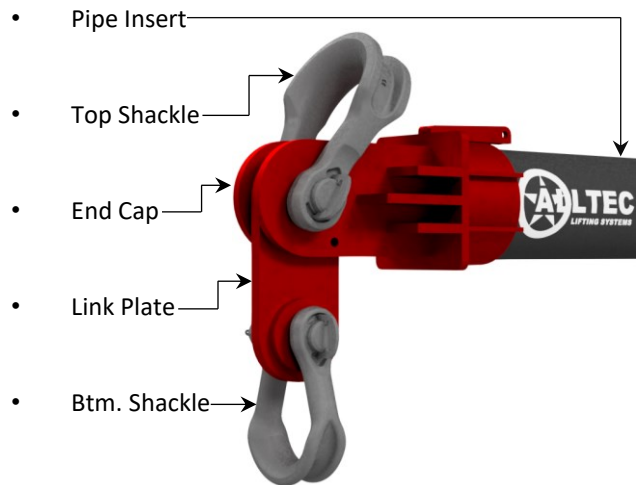
12" Spreader Bar – Config: 12001B

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
5'- 0"	150	165	150	165
6'- 0"	150	165	150	165
7'- 0"	150	165	150	165
8'- 0"	150	165	150	165
9'- 0"	150	165	150	165
10'- 0"	150	165	150	165
11'- 0"	150	165	150	165
12'- 0"	150	165	150	165
13'- 0"	150	165	150	165
14'- 0"	150	165	150	165
15'- 0"	150	165	150	165
16'- 0"	150	165	150	165
17'- 0"	150	165	150	165
18'- 0"	150	165	150	165
19'- 0"	150	165	150	165
20'- 0"	150	165	150	165
21'- 0"	150	165	150	165
22'- 0"	150	165	150	165
23'- 0"	150	165	150	165
24'- 0"	150	165	150	165
25'- 0"	150	165	150	165
26'- 0"	150	165	150	165
27'- 0"	143	158	150	165

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
28'- 0"	135	149	150	165
29'- 0"	127	140	150	165
30'- 0"	120	132	150	165
31'- 0"	113	124	150	165
32'- 0"	106	117	150	165
33'- 0"	99	109	150	165
34'- 0"	93	102	150	165

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 12in Pipe Insert (Pipe12XS-52KSI)	1	66/ft	Per Config	Per Config
End Cap: FEC-122 End Cap	2	424	848	385
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
Link Plate: FLP-010 Link Plate	2	120	240	109
End Cap Length Deduction= 34"				
Total System Weight (Minus Pipe Weight)			1706	774

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12001C. R0

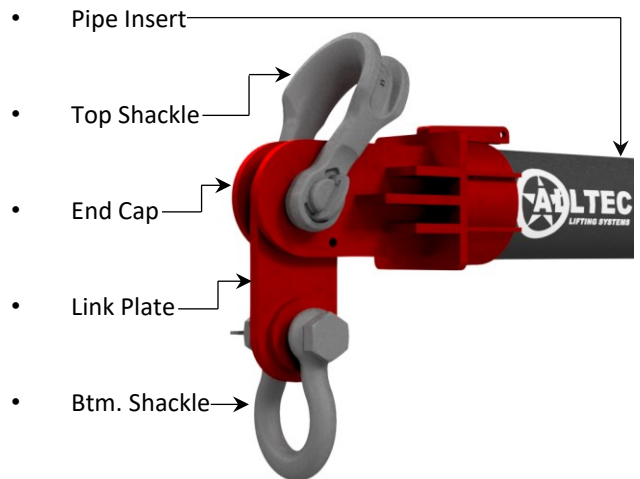
12" Spreader Bar – Config: 12001C

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
5'- 0"	110	121	110	121
6'- 0"	110	121	110	121
7'- 0"	110	121	110	121
8'- 0"	110	121	110	121
9'- 0"	110	121	110	121
10'- 0"	110	121	110	121
11'- 0"	110	121	110	121
12'- 0"	110	121	110	121
13'- 0"	110	121	110	121
14'- 0"	110	121	110	121
15'- 0"	110	121	110	121
16'- 0"	110	121	110	121
17'- 0"	110	121	110	121
18'- 0"	110	121	110	121
19'- 0"	110	121	110	121
20'- 0"	110	121	110	121
21'- 0"	110	121	110	121
22'- 0"	110	121	110	121
23'- 0"	110	121	110	121
24'- 0"	110	121	110	121
25'- 0"	110	121	110	121
26'- 0"	110	121	110	121
27'- 0"	110	121	110	121

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
28'- 0"	110	121	110	121
29'- 0"	110	121	110	121
30'- 0"	110	121	110	121
31'- 0"	110	121	110	121
32'- 0"	106	117	110	121
33'- 0"	99	109	110	121
34'- 0"	93	102	110	121

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 12in Pipe Insert (Pipe12XS-52KSI)	1	66/ft	Per Config	Per Config
End Cap: FEC-122 End Cap	2	424	848	385
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 55mt Bolt Bottom Shackle	2	98	196	89
Link Plate: FLP-010 Link Plate	2	120	240	109
End Cap Length Deduction= 34"				
Total System Weight (Minus Pipe Weight)			1690	767

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12002A. R0

12" Spreader Bar – Config: 12002A

Capacity Chart

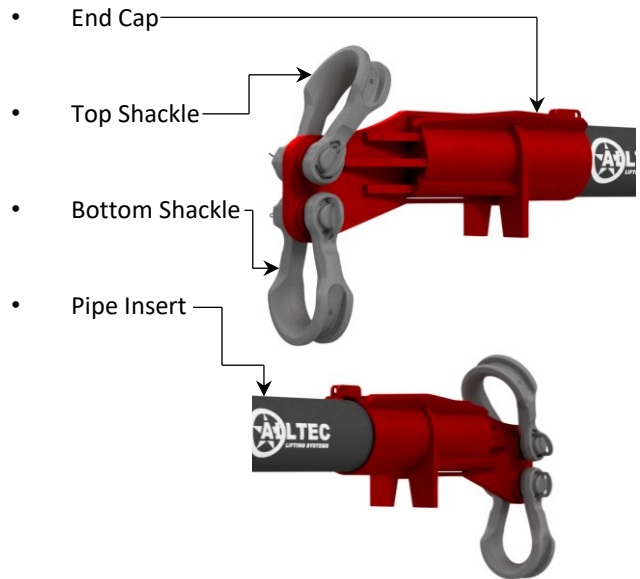
Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
9'- 0"	176	194	216	238
10'- 0"	176	194	216	238
11'- 0"	176	194	216	238
12'- 0"	176	194	216	238
13'- 0"	176	194	216	238
14'- 0"	176	194	216	238
15'- 0"	176	194	216	238
16'- 0"	176	194	216	238
17'- 0"	176	194	216	238
18'- 0"	176	194	216	238
19'- 0"	176	194	216	238
20'- 0"	176	194	216	238
21'- 0"	176	194	216	238
22'- 0"	176	194	216	238
23'- 0"	175	193	216	238
24'- 0"	167	184	216	238
25'- 0"	159	175	216	238
26'- 0"	152	167	216	238
27'- 0"	143	158	216	238
28'- 0"	135	149	216	238
29'- 0"	128	141	216	238
30'- 0"	120	132	208	229
31'- 0"	113	124	196	216

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
32'- 0"	106	117	183	202
33'- 0"	99	109	172	190
34'- 0"	93	102	162	178
35'- 0"	87	96	151	166
36'- 0"	82	90	142	156
37'- 0"	76	84	132	145
38'- 0"	71	78	123	136

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 12in Pipe Insert (Pipe12XS-52KSI)	1	66/ft	Per Config	Per Config
End Cap: FEC-121 End Cap	2	695	1390	630
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 125mt WB Bottom Shackle	2	203	406	184
End Cap Length Deduction= 72"				
Total System Weight (Minus Pipe Weight)			2202	998

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12002B. R0

12" Spreader Bar – Config: 12002B

Capacity Chart

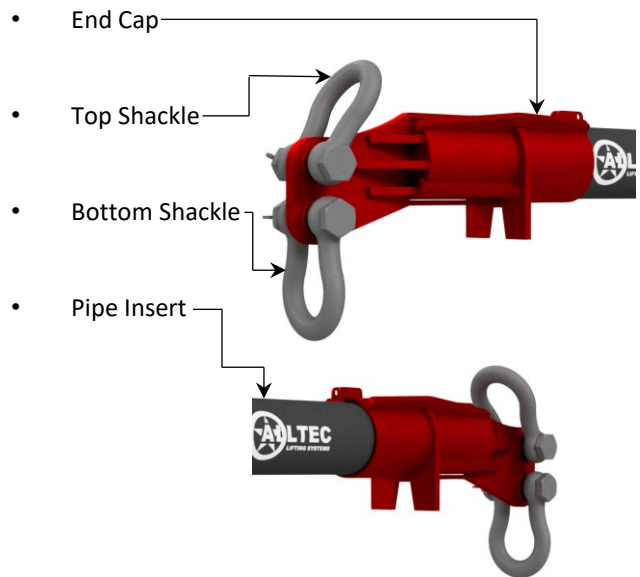
Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
9'- 0"	120	132	147	162
10'- 0"	120	132	147	162
11'- 0"	120	132	147	162
12'- 0"	120	132	147	162
13'- 0"	120	132	147	162
14'- 0"	120	132	147	162
15'- 0"	120	132	147	162
16'- 0"	120	132	147	162
17'- 0"	120	132	147	162
18'- 0"	120	132	147	162
19'- 0"	120	132	147	162
20'- 0"	120	132	147	162
21'- 0"	120	132	147	162
22'- 0"	120	132	147	162
23'- 0"	120	132	147	162
24'- 0"	120	132	147	162
25'- 0"	120	132	147	162
26'- 0"	120	132	147	162
27'- 0"	120	132	147	162
28'- 0"	120	132	147	162
29'- 0"	120	132	147	162
30'- 0"	120	132	147	162
31'- 0"	113	124	147	162

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
32'- 0"	106	117	147	162
33'- 0"	99	109	147	162
34'- 0"	93	102	147	162
35'- 0"	87	96	147	162
36'- 0"	82	90	142	156
37'- 0"	76	84	132	145
38'- 0"	71	78	123	136

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 12in Pipe Insert (Pipe12XS-52KSI)	1	66/ft	Per Config	Per Config
End Cap: FEC-121 End Cap	2	695	1390	630
Top Shackle: 85mt Bolt Top Shackle	2	154	308	140
Bottom Shackle: 85mt Bolt Bottom Shackle	2	154	308	140
End Cap Length Deduction= 72"				
Total System Weight (Minus Pipe Weight)			2006	910

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12002C. R0

12" Spreader Bar – Config: 12002C

Capacity Chart

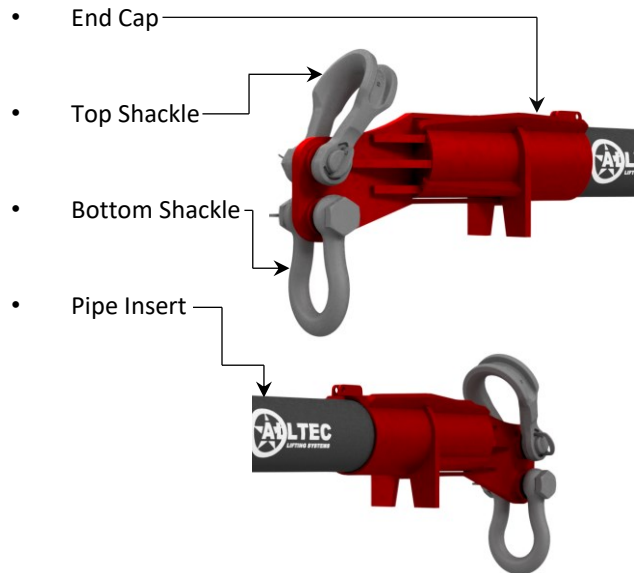
Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
9'- 0"	170	187	170	187
10'- 0"	170	187	170	187
11'- 0"	170	187	170	187
12'- 0"	170	187	170	187
13'- 0"	170	187	170	187
14'- 0"	170	187	170	187
15'- 0"	170	187	170	187
16'- 0"	170	187	170	187
17'- 0"	170	187	170	187
18'- 0"	170	187	170	187
19'- 0"	170	187	170	187
20'- 0"	170	187	170	187
21'- 0"	170	187	170	187
22'- 0"	170	187	170	187
23'- 0"	170	187	170	187
24'- 0"	167	184	170	187
25'- 0"	159	175	170	187
26'- 0"	152	167	170	187
27'- 0"	143	158	170	187
28'- 0"	135	149	170	187
29'- 0"	128	141	170	187
30'- 0"	120	132	170	187
31'- 0"	113	124	170	187

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
32'- 0"	106	117	170	187
33'- 0"	99	109	170	187
34'- 0"	93	102	162	178
35'- 0"	87	96	151	166
36'- 0"	82	90	142	156
37'- 0"	76	84	132	145
38'- 0"	71	78	123	136

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 12in Pipe Insert (Pipe12XS-52KSI)	1	66/ft	Per Config	Per Config
End Cap: FEC-121 End Cap	2	695	1390	630
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 85mt Bolt Bottom Shackle	2	154	308	140
End Cap Length Deduction= 72"				
Total System Weight (Minus Pipe Weight)			2104	954

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12003A. R0

12" Adjustable Spreader Bar – Config: 12003A

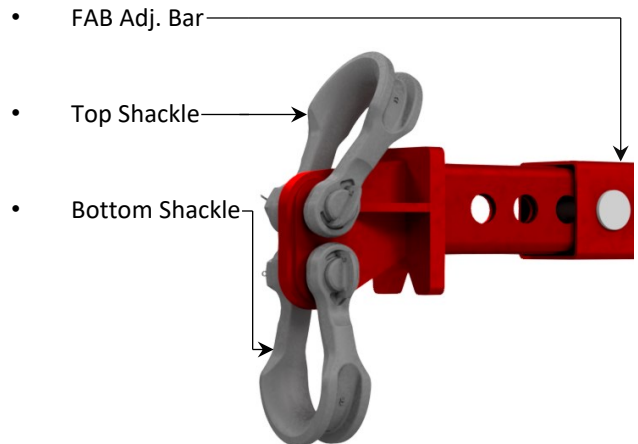
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
12'- 6"	176	194	216	238
13'- 0"	176	194	216	238
13'- 6"	176	194	216	238
14'- 0"	176	194	216	238
14'- 6"	176	194	216	238
15'- 0"	176	194	216	238
15'- 6"	176	194	216	238
16'- 0"	176	194	216	238
16'- 6"	176	194	216	238
17'- 0"	176	194	216	238
17'- 6"	176	194	216	238
18'- 0"	176	194	216	238
18'- 6"	176	194	216	238
19'- 0"	176	194	216	238
19'- 6"	176	194	216	238

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-006 (HSS10x10x5/8-46KSI)	1	2263	2263	1026
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 125mt WB Bottom Shackle	2	203	406	184
Total System Weight (Minus Bolts/Pins)			3075	1394

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12003B. R0

12" Adjustable Spreader Bar – Config: 12003B

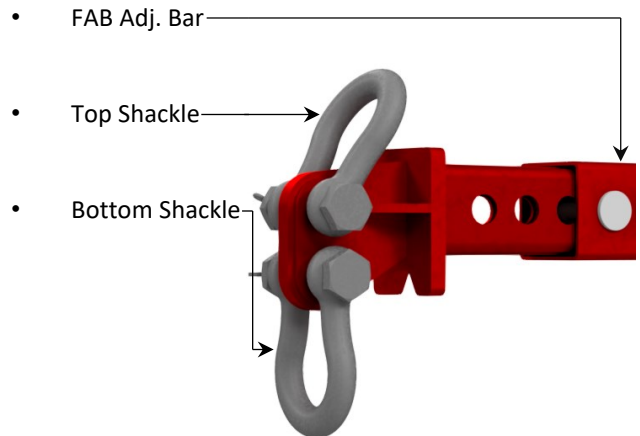
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
12'- 6"	120	132	147	162
13'- 0"	120	132	147	162
13'- 6"	120	132	147	162
14'- 0"	120	132	147	162
14'- 6"	120	132	147	162
15'- 0"	120	132	147	162
15'- 6"	120	132	147	162
16'- 0"	120	132	147	162
16'- 6"	120	132	147	162
17'- 0"	120	132	147	162
17'- 6"	120	132	147	162
18'- 0"	120	132	147	162
18'- 6"	120	132	147	162
19'- 0"	120	132	147	162
19'- 6"	120	132	147	162

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-006 (HSS10x10x5/8-46KSI)	1	2263	2263	1026
Top Shackle: 85mt Bolt Top Shackle	2	154	308	140
Bottom Shackle: 85mt Bolt Bottom Shackle	2	154	308	140
Total System Weight (Minus Bolts/Pins)			2879	1306

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12003C. R0

12" Adjustable Spreader Bar – Config: 12003C

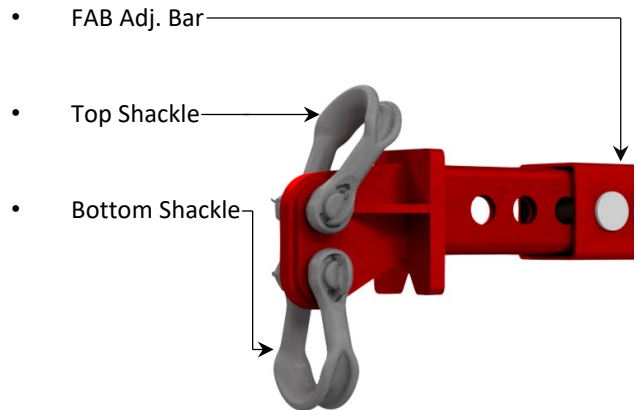
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
12'-6"	105	116	130	143
13'-0"	105	116	130	143
13'-6"	105	116	130	143
14'-0"	105	116	130	143
14'-6"	105	116	130	143
15'-0"	105	116	130	143
15'-6"	105	116	130	143
16'-0"	105	116	130	143
16'-6"	105	116	130	143
17'-0"	105	116	130	143
17'-6"	105	116	130	143
18'-0"	105	116	130	143
18'-6"	105	116	130	143
19'-0"	105	116	130	143
19'-6"	105	116	130	143

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-006 (HSS10x10x5/8-46KSI)	1	2263	2263	1026
Top Shackle: 75mt WB Top Shackle	2	106	212	96
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
Total System Weight (Minus Bolts/Pins)			2687	1218

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12003D. R0

12" Adjustable Spreader Bar – Config: 12003D

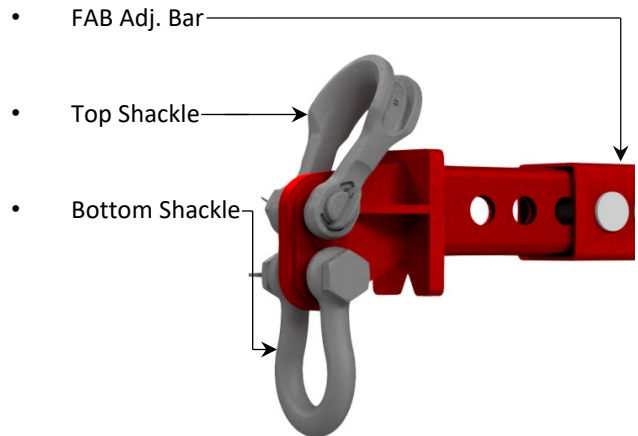
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
12'-6"	170	187	170	187
13'-0"	170	187	170	187
13'-6"	170	187	170	187
14'-0"	170	187	170	187
14'-6"	170	187	170	187
15'-0"	170	187	170	187
15'-6"	170	187	170	187
16'-0"	170	187	170	187
16'-6"	170	187	170	187
17'-0"	170	187	170	187
17'-6"	170	187	170	187
18'-0"	170	187	170	187
18'-6"	170	187	170	187
19'-0"	170	187	170	187
19'-6"	170	187	170	187

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-006 (HSS10x10x5/8-46KSI)	1	2263	2263	1026
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 85mt Bolt Bottom Shackle	2	154	308	140
Total System Weight (Minus Bolts/Pins)			2977	1350

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12003E. R0

12" Adjustable Spreader Bar – Config: 12003E

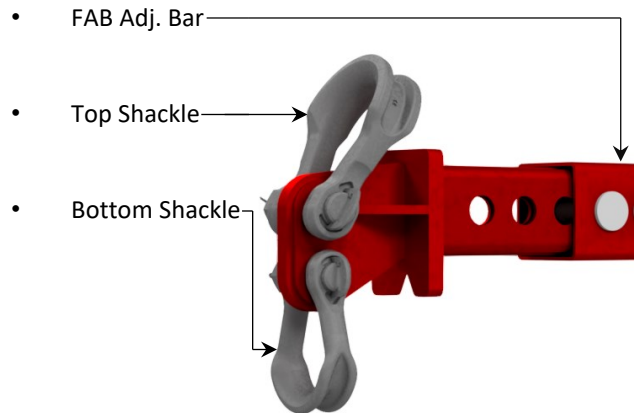
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
12'- 6"	150	165	150	165
13'- 0"	150	165	150	165
13'- 6"	150	165	150	165
14'- 0"	150	165	150	165
14'- 6"	150	165	150	165
15'- 0"	150	165	150	165
15'- 6"	150	165	150	165
16'- 0"	150	165	150	165
16'- 6"	150	165	150	165
17'- 0"	150	165	150	165
17'- 6"	150	165	150	165
18'- 0"	150	165	150	165
18'- 6"	150	165	150	165
19'- 0"	150	165	150	165
19'- 6"	150	165	150	165

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-006 (HSS10x10x5/8-46KSI)	1	2263	2263	1026
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
Total System Weight (Minus Bolts/Pins)			2881	1306

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12003F. R0

12" Adjustable Spreader Bar – Config: 12003F

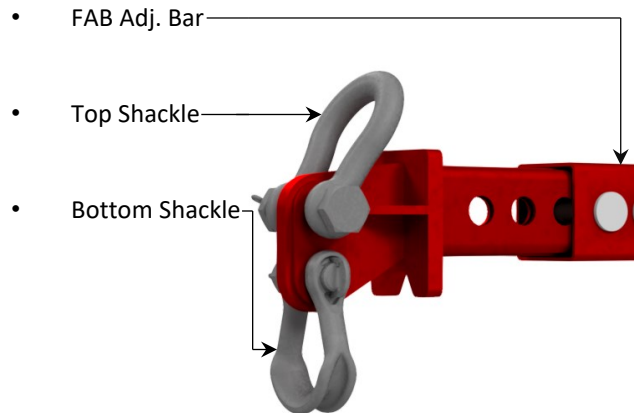
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
12'- 6"	120	132	147	162
13'- 0"	120	132	147	162
13'- 6"	120	132	147	162
14'- 0"	120	132	147	162
14'- 6"	120	132	147	162
15'- 0"	120	132	147	162
15'- 6"	120	132	147	162
16'- 0"	120	132	147	162
16'- 6"	120	132	147	162
17'- 0"	120	132	147	162
17'- 6"	120	132	147	162
18'- 0"	120	132	147	162
18'- 6"	120	132	147	162
19'- 0"	120	132	147	162
19'- 6"	120	132	147	162

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-006 (HSS10x10x5/8-46KSI)	1	2263	2263	1026
Top Shackle: 85mt Bolt Top Shackle	2	154	308	140
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
Total System Weight (Minus Bolts/Pins)			2783	1262

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12004A. R0

12" Adjustable Spreader Bar – Config: 12004A

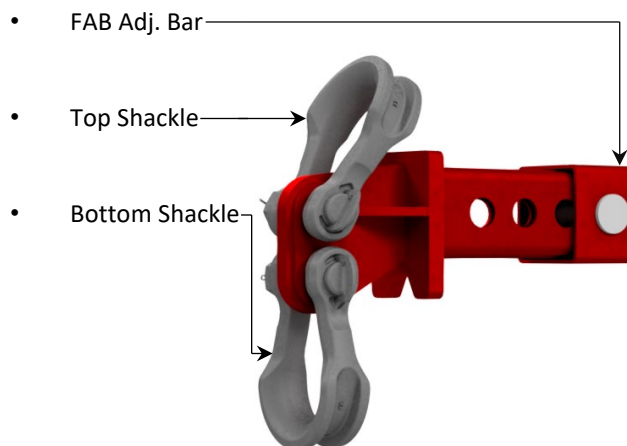
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
16'-0"	176	194	216	238
17'-0"	176	194	216	238
18'-0"	176	194	216	238
19'-0"	176	194	216	238
20'-0"	176	194	216	238
21'-0"	176	194	216	238
22'-0"	176	194	216	238
23'-0"	171	188	216	238
24'-0"	162	178	216	238
25'-0"	152	168	216	238
26'-0"	143	158	216	238

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-005 (HSS10x10x5/8-46KSI)	1	2876	2876	1305
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 125mt WB Bottom Shackle	2	203	406	184
Total System Weight (Minus Bolts/Pins)			3688	1673

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12004B. R0

12" Adjustable Spreader Bar – Config: 12004B

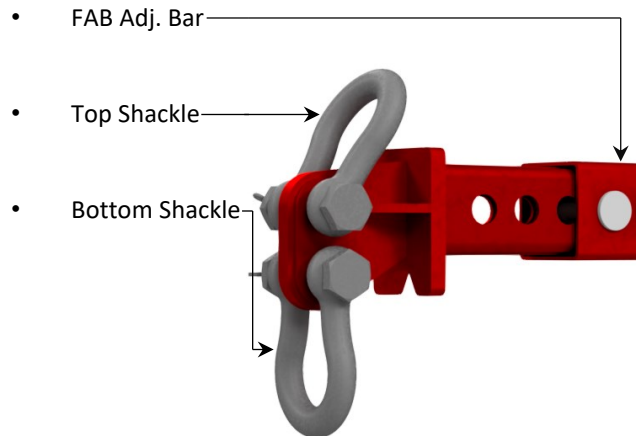
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
16'- 0"	77	85	94	104
17'- 0"	77	85	94	104
18'- 0"	77	85	94	104
19'- 0"	77	85	94	104
20'- 0"	77	85	94	104
21'- 0"	77	85	94	104
22'- 0"	77	85	94	104
23'- 0"	77	85	94	104
24'- 0"	77	85	94	104
25'- 0"	77	85	94	104
26'- 0"	77	85	94	104

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-005 (HSS10x10x5/8-46KSI)	1	2876	2876	1305
Top Shackle: 85mt Bolt Top Shackle	2	154	308	140
Bottom Shackle: 85mt Bolt Bottom Shackle	2	154	308	140
Total System Weight (Minus Bolts/Pins)			3492	1585

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12004C. R0

12" Adjustable Spreader Bar – Config: 12004C

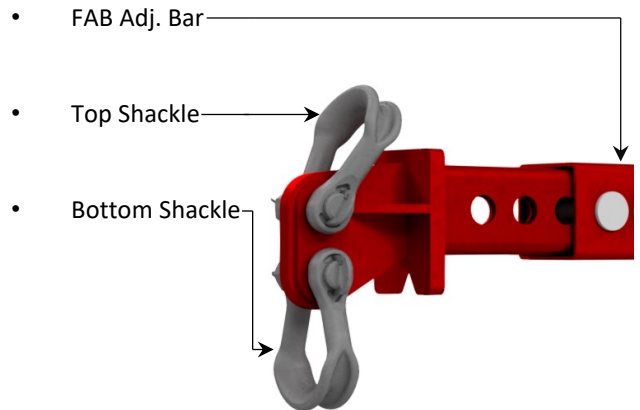
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
16'- 0"	105	116	130	143
17'- 0"	105	116	130	143
18'- 0"	105	116	130	143
19'- 0"	105	116	130	143
20'- 0"	105	116	130	143
21'- 0"	105	116	130	143
22'- 0"	105	116	130	143
23'- 0"	105	116	130	143
24'- 0"	105	116	130	143
25'- 0"	105	116	130	143
26'- 0"	105	116	130	143

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-005 (HSS10X10x5/8-46KSI)	1	2876	2876	1305
Top Shackle: 75mt WB Top Shackle	2	106	212	96
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
Total System Weight (Minus Bolts/Pins)			3300	1497

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12004D. R0

12" Adjustable Spreader Bar – Config: 12004D

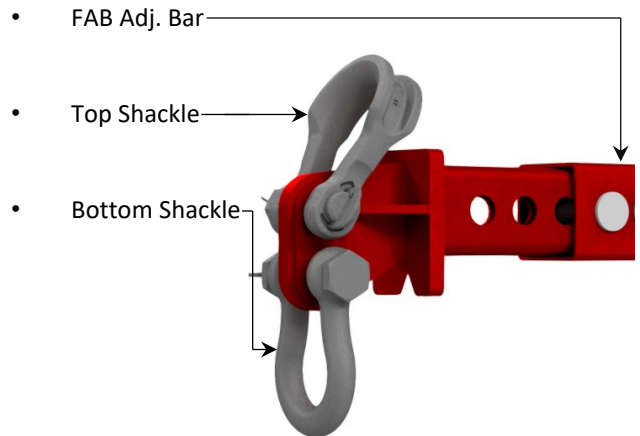
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
16'-0"	170	187	170	187
17'-0"	170	187	170	187
18'-0"	170	187	170	187
19'-0"	170	187	170	187
20'-0"	170	187	170	187
21'-0"	170	187	170	187
22'-0"	170	187	170	187
23'-0"	170	187	170	187
24'-0"	162	178	170	187
25'-0"	152	168	170	187
26'-0"	143	158	170	187

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-005 (HSS10x10x5/8-46KSI)	1	2876	2876	1305
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 85mt Bolt Bottom Shackle	2	154	308	140
Total System Weight (Minus Bolts/Pins)			3590	1629

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12004E. R0

12" Adjustable Spreader Bar – Config: 12004E

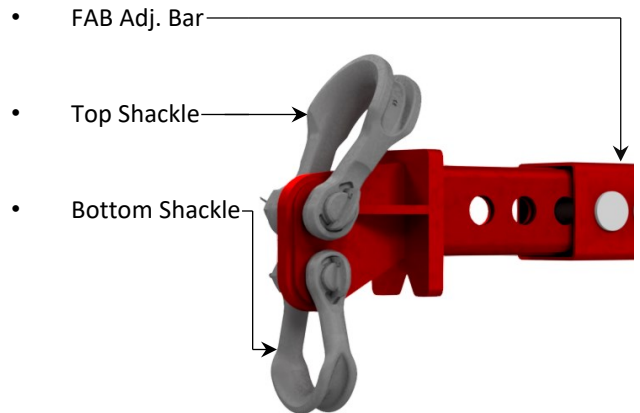
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
16'-0"	150	165	150	165
17'-0"	150	165	150	165
18'-0"	150	165	150	165
19'-0"	150	165	150	165
20'-0"	150	165	150	165
21'-0"	150	165	150	165
22'-0"	150	165	150	165
23'-0"	150	165	150	165
24'-0"	150	165	150	165
25'-0"	150	165	150	165
26'-0"	143	158	150	165

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-005 (HSS10x10x5/8-46KSI)	1	2876	2876	1305
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
Total System Weight (Minus Bolts/Pins)			3494	1585

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12004F. R0

12" Adjustable Spreader Bar – Config: 12004F

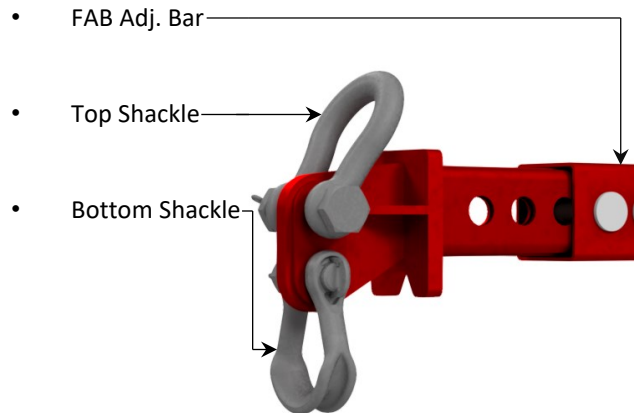
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
16'- 0"	120	132	147	162
17'- 0"	120	132	147	162
18'- 0"	120	132	147	162
19'- 0"	120	132	147	162
20'- 0"	120	132	147	162
21'- 0"	120	132	147	162
22'- 0"	120	132	147	162
23'- 0"	120	132	147	162
24'- 0"	120	132	147	162
25'- 0"	120	132	147	162
26'- 0"	120	132	147	162

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-005 (HSS10x10x5/8-46KSI)	1	2876	2876	1305
Top Shackle: 85mt Bolt Top Shackle	2	154	308	140
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
Total System Weight (Minus Bolts/Pins)			3396	1541

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12006A. R0

12" Adjustable Spreader Bar – Config: 12006A

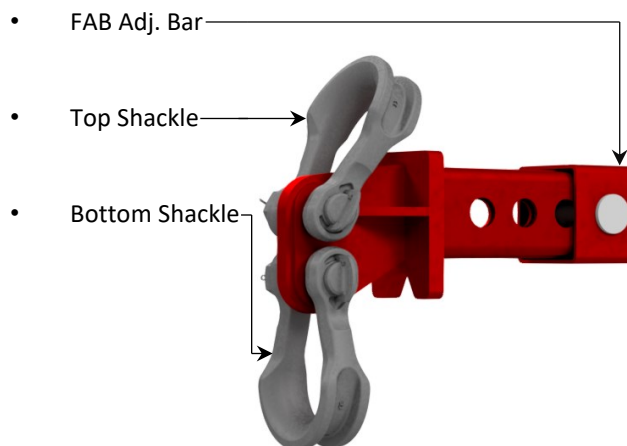
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
24'- 0"	162	178	216	238
25'- 0"	152	168	216	238
26'- 0"	143	158	216	238
27'- 0"	135	149	216	238
28'- 0"	126	139	216	238
29'- 0"	118	130	205	226
30'- 0"	111	122	191	211
31'- 0"	103	113	179	197
32'- 0"	96	106	166	183
33'- 0"	89	98	155	171
34'- 0"	83	91	144	159
35'- 0"	77	85	133	147
36'- 0"	72	79	124	137
37'- 0"	64	71	112	123
38'- 0"	60	66	103	114
39'- 0"	55	61	96	106
40'- 0"	52	57	90	99

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-001 (HSS10x10x5/8-46KSI)	1	4006	4006	1817
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 125mt WB Bottom Shackle	2	203	406	184
Total System Weight (Minus Bolts/Pins)			4818	2185

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12006B. R0

12" Adjustable Spreader Bar – Config: 12006B

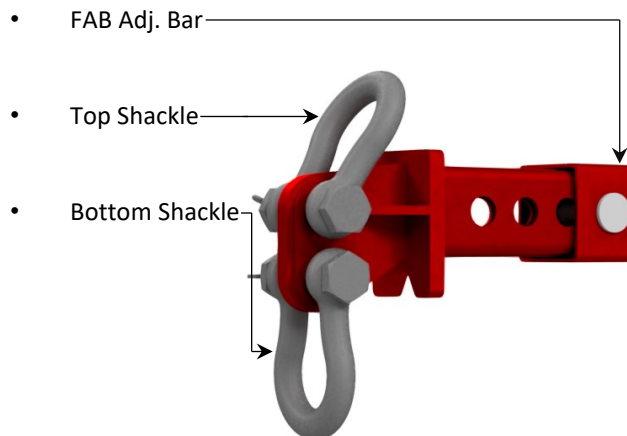
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
24'- 0"	120	132	147	162
25'- 0"	120	132	147	162
26'- 0"	120	132	147	162
27'- 0"	120	132	147	162
28'- 0"	120	132	147	162
29'- 0"	118	130	147	162
30'- 0"	111	122	147	162
31'- 0"	103	113	147	162
32'- 0"	96	106	147	162
33'- 0"	89	98	147	162
34'- 0"	83	91	144	159
35'- 0"	77	85	133	147
36'- 0"	72	79	124	137
37'- 0"	64	71	112	123
38'- 0"	60	66	103	114
39'- 0"	55	61	96	106
40'- 0"	52	57	90	99

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-001 (HSS10x10x5/8-46KSI)	1	4006	4006	1817
Top Shackle: 85mt Bolt Top Shackle	2	154	308	140
Bottom Shackle: 85mt Bolt Bottom Shackle	2	154	308	140
Total System Weight (Minus Bolts/Pins)			4622	2097

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12006C. R0

12" Adjustable Spreader Bar – Config: 12006C

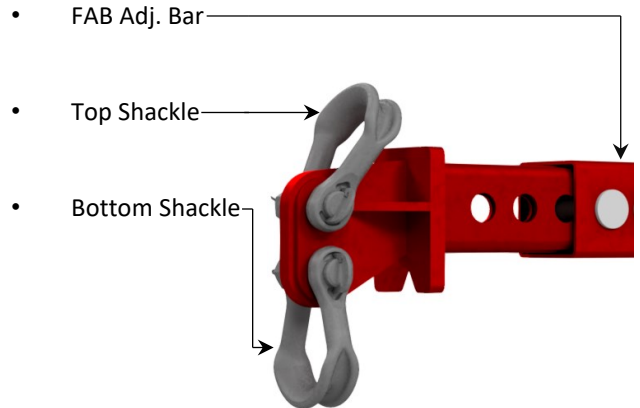
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
24'- 0"	105	116	130	143
25'- 0"	105	116	130	143
26'- 0"	105	116	130	143
27'- 0"	105	116	130	143
28'- 0"	105	116	130	143
29'- 0"	105	116	130	143
30'- 0"	105	116	130	143
31'- 0"	103	113	130	143
32'- 0"	96	106	130	143
33'- 0"	89	98	130	143
34'- 0"	83	91	130	143
35'- 0"	77	85	130	143
36'- 0"	72	79	124	137
37'- 0"	64	71	112	123
38'- 0"	60	66	103	114
39'- 0"	55	61	96	106
40'- 0"	52	57	90	99

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-001 (HSS10x10x5/8-46KSI)	1	4006	4006	1817
Top Shackle: 75mt WB Top Shackle	2	106	212	96
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
Total System Weight (Minus Bolts/Pins)			4430	2009

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12006D. R0

12" Adjustable Spreader Bar – Config: 12006D

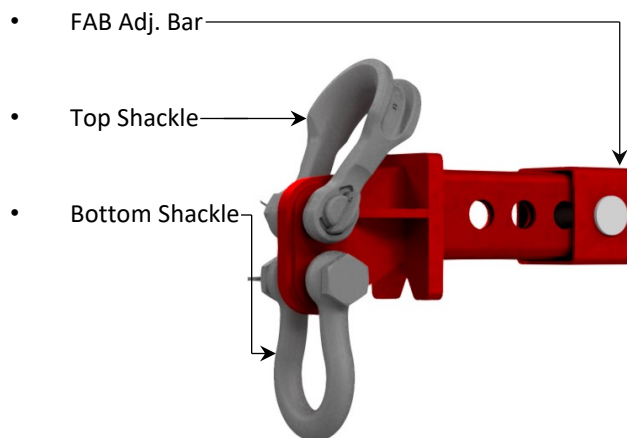
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
24'- 0"	162	178	170	187
25'- 0"	152	168	170	187
26'- 0"	143	158	170	187
27'- 0"	135	149	170	187
28'- 0"	126	139	170	187
29'- 0"	118	130	170	187
30'- 0"	111	122	170	187
31'- 0"	103	113	170	187
32'- 0"	96	106	166	183
33'- 0"	89	98	155	171
34'- 0"	83	91	144	159
35'- 0"	77	85	133	147
36'- 0"	72	79	124	137
37'- 0"	64	71	112	123
38'- 0"	60	66	103	114
39'- 0"	55	61	96	106
40'- 0"	52	57	90	99

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-001 (HSS10x10x5/8-46KSI)	1	4006	4006	1817
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 85mt Bolt Bottom Shackle	2	154	308	140
Total System Weight (Minus Bolts/Pins)			3590	2141

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12006E. R0

12" Adjustable Spreader Bar – Config: 12006E

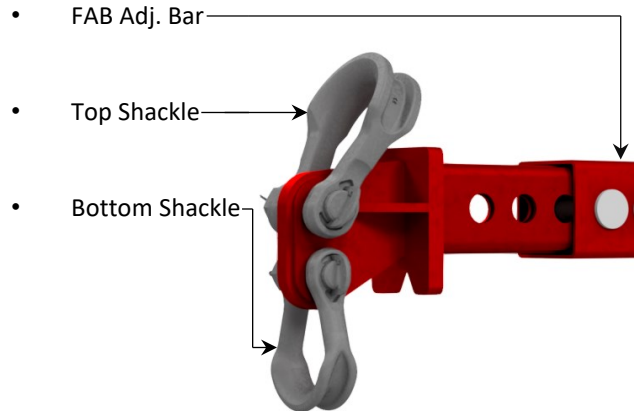
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
24'- 0"	162	178	170	187
25'- 0"	152	168	170	187
26'- 0"	143	158	170	187
27'- 0"	135	149	170	187
28'- 0"	126	139	170	187
29'- 0"	118	130	170	187
30'- 0"	111	122	170	187
31'- 0"	103	113	170	187
32'- 0"	96	106	166	183
33'- 0"	89	98	155	171
34'- 0"	83	91	144	159
35'- 0"	77	85	133	147
36'- 0"	72	79	124	137
37'- 0"	64	71	112	123
38'- 0"	60	66	103	114
39'- 0"	55	61	96	106
40'- 0"	52	57	90	99

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-001 (HSS10x10x5/8-46KSI)	1	4006	4006	1817
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
Total System Weight (Minus Bolts/Pins)			4624	2097

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12006F. R0

12" Adjustable Spreader Bar – Config: 12006F

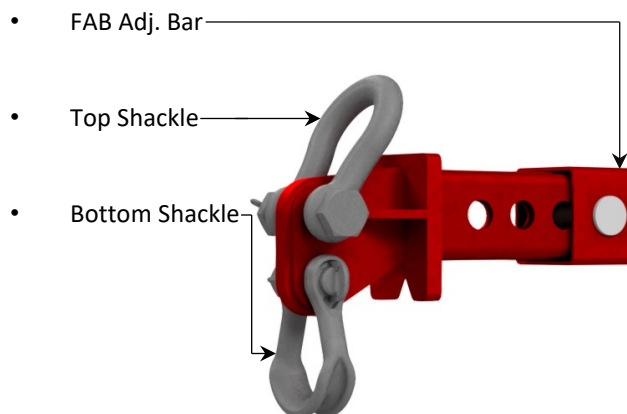
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
24'- 0"	120	132	147	162
25'- 0"	120	132	147	162
26'- 0"	120	132	147	162
27'- 0"	120	132	147	162
28'- 0"	120	132	147	162
29'- 0"	118	130	147	162
30'- 0"	111	122	147	162
31'- 0"	103	113	147	162
32'- 0"	96	106	147	162
33'- 0"	89	98	147	162
34'- 0"	83	91	144	159
35'- 0"	77	85	133	147
36'- 0"	72	79	124	137
37'- 0"	64	71	112	123
38'- 0"	60	66	103	114
39'- 0"	55	61	96	106
40'- 0"	52	57	90	99

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Adj. Bar: FAB-001 (HSS10x10x5/8-46KSI)	1	4006	4006	1817
Top Shackle: 85mt Bolt Top Shackle	2	154	308	140
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
Total System Weight (Minus Bolts/Pins)			4526	2053

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12007A. R0

12" Adjustable Spreader Bar – Config: 12007A

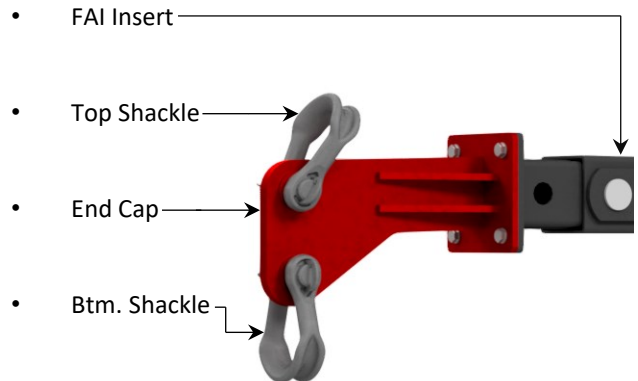
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
27'- 0"	105	116	130	143
28'- 0"	105	116	130	143
29'- 0"	100	110	130	143
30'- 0"	93	103	130	143
31'- 0"	87	96	130	143
32'- 0"	81	89	130	143
33'- 0"	75	83	130	143
34'- 0"	71	78	123	135
35'- 0"	65	72	114	126
36'- 0"	61	67	106	117
37'- 0"	54	60	95	105
38'- 0"	51	56	88	97
39'- 0"	47	52	82	90
40'- 0"	44	48	76	84
41'- 0"	41	45	71	78

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Insert: FAI-101 Insert (HSS10x10x1/2-46KSI)	1	3843	3843	1743
End Cap: FBC-082 End Cap	2	440	880	399
Top Shackle: 75mt WB Top Shackle	2	106	212	96
Bottom Shackle: 75mt Bolt Bottom Shackle	2	106	212	96
Total System Weight (Minus Bolts/Pins)			5147	2334

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12007B. R0

12" Adjustable Spreader Bar – Config: 12007B

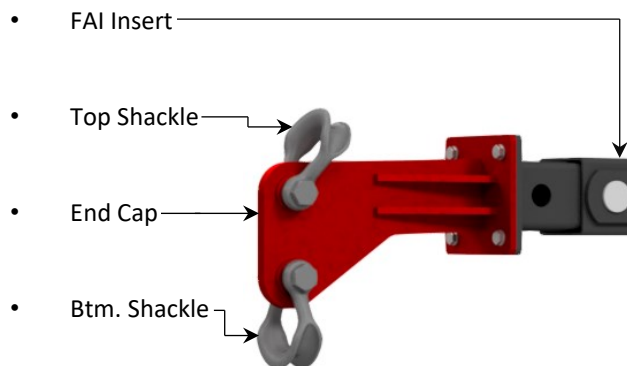
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
27'- 0"	77	85	94	104
28'- 0"	77	85	94	104
29'- 0"	77	85	94	104
30'- 0"	77	85	94	104
31'- 0"	77	85	94	104
32'- 0"	77	85	94	104
33'- 0"	75	83	94	104
34'- 0"	71	78	94	104
35'- 0"	65	72	94	104
36'- 0"	61	67	94	104
37'- 0"	54	60	94	104
38'- 0"	51	56	88	97
39'- 0"	47	52	82	90
40'- 0"	44	48	76	84
41'- 0"	41	45	71	78

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Insert: FAI-101 Insert (HSS10x10x1/2-46KSI)	1	3843	3843	1743
End Cap: FBC-082 End Cap	2	440	880	399
Top Shackle: 55mt WB Top Shackle	2	68	136	62
Bottom Shackle: 55mt Bolt Bottom Shackle	2	68	136	62
Total System Weight (Minus Bolts/Pins)			4995	2266

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12007C. R0

12" Adjustable Spreader Bar – Config: 12007C

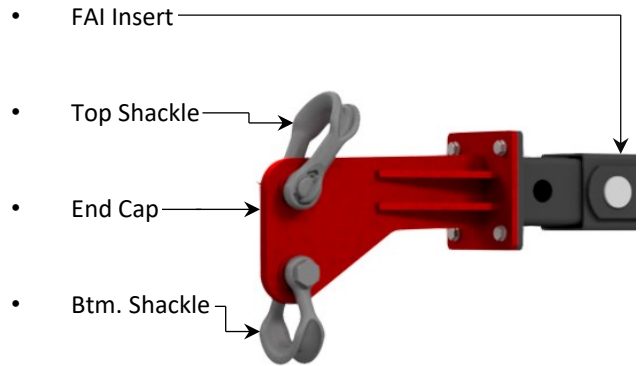
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
27'- 0"	105	116	110	121
28'- 0"	105	116	110	121
29'- 0"	100	110	110	121
30'- 0"	93	103	110	121
31'- 0"	87	96	110	121
32'- 0"	81	89	110	121
33'- 0"	75	83	110	121
34'- 0"	71	78	110	121
35'- 0"	65	72	110	121
36'- 0"	61	67	106	117
37'- 0"	54	60	95	105
38'- 0"	51	56	88	97
39'- 0"	47	52	82	90
40'- 0"	44	48	76	84
41'- 0"	41	45	71	78

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Insert: FAI-101 Insert (HSS10x10x1/2-46KSI)	1	3843	3843	1743
End Cap: FBC-082 End Cap	2	440	880	399
Top Shackle: 75mt WB Top Shackle	2	106	212	96
Bottom Shackle: 55mt Bolt Bottom Shackle	2	68	136	62
Total System Weight (Minus Bolts/Pins)			5071	2300

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12009A. R0

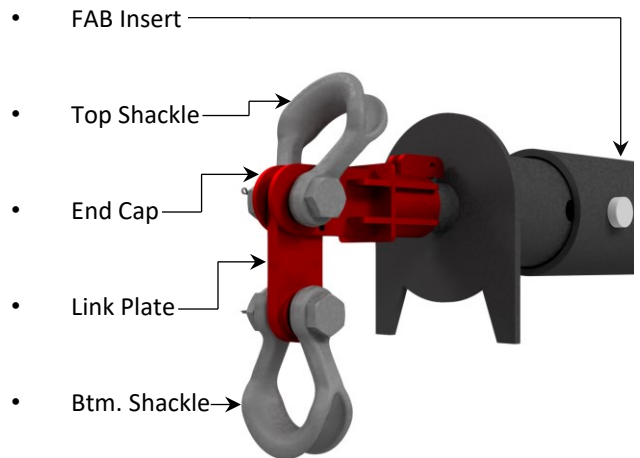
12" Adjustable Spreader Bar – Config: 12009A

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
39'- 0"	56	62	69	76
39'- 6"	56	62	69	76
40'- 0"	56	62	69	76
40'- 6"	54	60	69	76
41'- 0"	53	58	69	76
41'- 6"	51	56	69	76
42'- 0"	49	54	69	76
42'- 6"	47	52	69	76
43'- 0"	46	51	69	76
43'- 6"	44	49	69	76
44'- 0"	43	47	69	76
44'- 6"	42	46	69	76
45'- 0"	40	44	69	76
45'- 6"	39	43	67	74
46'- 0"	37	41	65	72
46'- 6"	36	40	63	69
47'- 0"	35	39	61	67
47'- 6"	34	37	59	65
48'- 0"	33	36	57	63
48'- 6"	32	35	55	61
49'- 0"	31	34	54	59
49'- 6"	30	33	52	57
50'- 0"	29	32	50	55

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
50'- 6"	26	29	45	50
51'- 0"	25	28	44	48
51'- 6"	25	27	42	46
52'- 0"	24	26	41	45
52'- 6"	23	25	39	43
53'- 0"	22	24	38	42

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Insert: FAB-007 Insert (Pipe12XS-42KSI)	1	5256	5256	2384
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 40mt WB Bottom Shackle	2	46	92	42
Link Plate: FLP-036 Link Plate	2	20	40	18
Total System Weight (Minus Bolts/Pins)			5574	2529

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12009B. R0

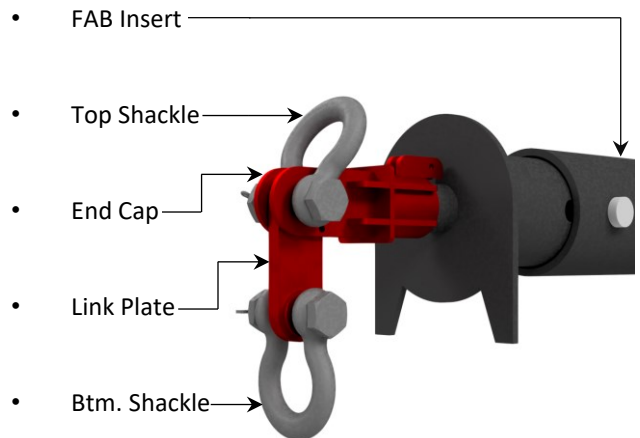
12" Adjustable Spreader Bar – Config: 12009B

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
39'- 0"	34	38	43	47
39'- 6"	34	38	43	47
40'- 0"	34	38	43	47
40'- 6"	34	38	43	47
41'- 0"	34	38	43	47
41'- 6"	34	38	43	47
42'- 0"	34	38	43	47
42'- 6"	34	38	43	47
43'- 0"	34	38	43	47
43'- 6"	34	38	43	47
44'- 0"	34	38	43	47
44'- 6"	34	38	43	47
45'- 0"	34	38	43	47
45'- 6"	34	38	43	47
46'- 0"	34	38	43	47
46'- 6"	34	38	43	47
47'- 0"	34	38	43	47
47'- 6"	34	37	43	47
48'- 0"	33	36	43	47
48'- 6"	32	35	43	47
49'- 0"	31	34	43	47
49'- 6"	30	33	43	47
50'- 0"	29	32	43	47

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
50'- 6"	26	29	43	47
51'- 0"	25	28	43	47
51'- 6"	25	27	42	46
52'- 0"	24	26	41	45
52'- 6"	23	25	39	43
53'- 0"	22	24	38	42

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Insert: FAB-007 Insert (Pipe12XS-42KSI)	1	5256	5256	2384
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 25mt Bolt Top Shackle	2	34	68	31
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Link Plate: FLP-036 Link Plate	2	20	40	18
Total System Weight (Minus Bolts/Pins)			5526	2507

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12009C. R0

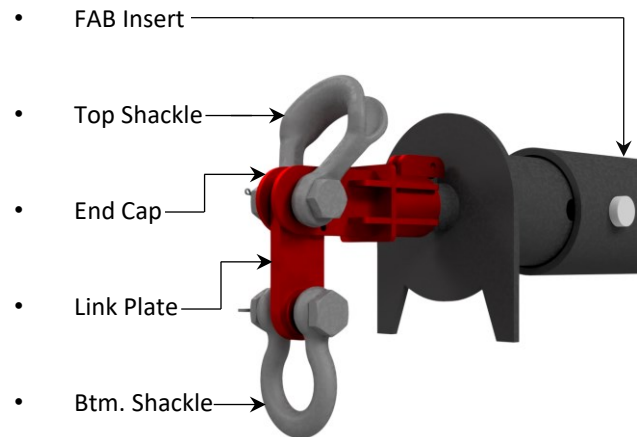
12" Adjustable Spreader Bar – Config: 12009C

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
39'- 0"	47	52	50	55
39'- 6"	45	50	50	55
40'- 0"	44	48	50	55
40'- 6"	41	45	50	55
41'- 0"	39	43	50	55
41'- 6"	38	42	50	55
42'- 0"	36	40	50	55
42'- 6"	35	39	50	55
43'- 0"	34	37	50	55
43'- 6"	33	36	50	55
44'- 0"	32	35	50	55
44'- 6"	31	34	50	55
45'- 0"	29	32	50	55
45'- 6"	28	31	50	55
46'- 0"	27	30	48	53
46'- 6"	26	29	46	51
47'- 0"	25	28	44	49
47'- 6"	25	27	44	48
48'- 0"	24	26	42	46
48'- 6"	23	25	40	44
49'- 0"	23	25	39	43
49'- 6"	22	24	37	41
50'- 0"	21	23	36	40

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
50'- 6"	20	22	35	39
51'- 0"	19	21	34	37
51'- 6"	19	21	33	36
52'- 0"	18	20	32	35
52'- 6"	17	19	31	34
53'- 0"	17	19	29	32

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Insert: FAB-007 Insert (Pipe12XS-42KSI)	1	5256	5256	2384
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 25mt Bolt Bottom Shackle	2	34	68	31
Link Plate: FLP-036 Link Plate	2	20	40	18
Total System Weight (Minus Bolts/Pins)			5550	2518

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12009D. R0

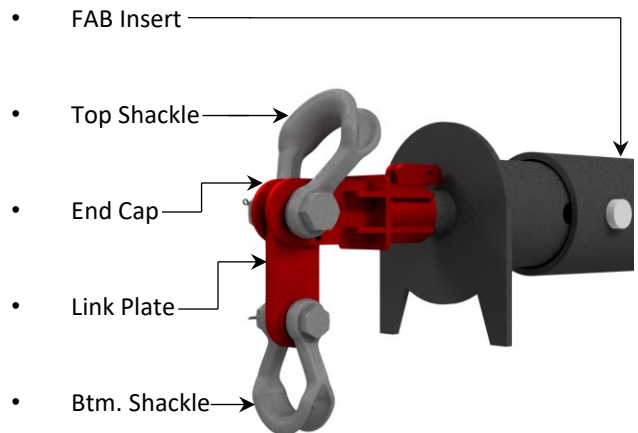
12" Adjustable Spreader Bar – Config: 12009D

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
39'- 0"	47	52	60	66
39'- 6"	45	50	60	66
40'- 0"	44	48	60	66
40'- 6"	41	45	60	66
41'- 0"	39	43	60	66
41'- 6"	38	42	60	66
42'- 0"	36	40	60	66
42'- 6"	35	39	60	66
43'- 0"	34	37	59	65
43'- 6"	33	36	57	63
44'- 0"	32	35	55	61
44'- 6"	31	34	54	59
45'- 0"	29	32	52	57
45'- 6"	28	31	50	55
46'- 0"	27	30	48	53
46'- 6"	26	29	46	51
47'- 0"	25	28	44	49
47'- 6"	25	27	44	48
48'- 0"	24	26	42	46
48'- 6"	23	25	40	44
49'- 0"	23	25	39	43
49'- 6"	22	24	37	41
50'- 0"	21	23	36	40

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
50'- 6"	20	22	35	39
51'- 0"	19	21	34	37
51'- 6"	19	21	33	36
52'- 0"	18	20	32	35
52'- 6"	17	19	31	34
53'- 0"	17	19	29	32

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Insert: FAB-007 Insert (Pipe12XS-42KSI)	1	5256	5256	2384
End Cap: FEC-041 End Cap	2	47	94	43
Top Shackle: 40mt WB Top Shackle	2	46	92	42
Bottom Shackle: 30mt WB Bottom Shackle	2	29	58	26
Link Plate: FLP-036 Link Plate	2	20	40	18
Total System Weight (Minus Bolts/Pins)			5540	2513

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12013A. R0

12" Adjustable Spreader Bar – Config: 12013A

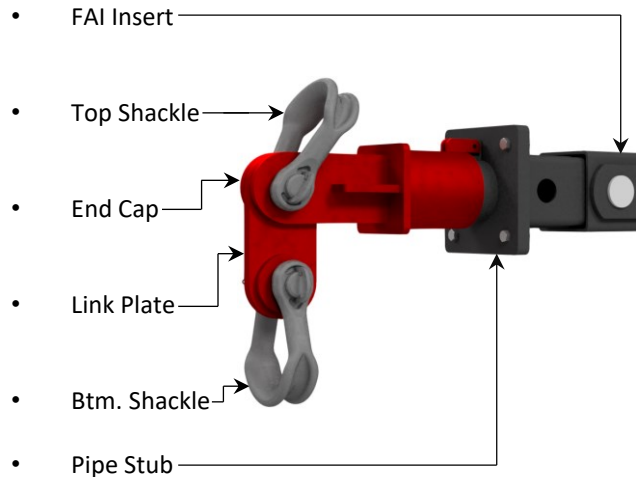
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
27'- 0"	105	116	130	143
28'- 0"	105	116	130	143
29'- 0"	100	110	130	143
30'- 0"	93	103	130	143
31'- 0"	87	96	130	143
32'- 0"	81	89	130	143
33'- 0"	75	83	130	143
34'- 0"	71	78	123	135
35'- 0"	65	72	114	126
36'- 0"	61	67	106	117
37'- 0"	54	60	95	105
38'- 0"	51	56	88	97
39'- 0"	47	52	82	90
40'- 0"	44	48	76	84
41'- 0"	41	45	71	78

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Insert: FAI-101 Insert (HSS10x10x1/2-46KSI)	1	3843	3843	1743
End Cap: FEC-081 End Cap	2	239	478	217
Top Shackle: 75mt WB Top Shackle	2	106	212	96
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
Link Plate: FLP-008 Link Plate	2	80	160	73
Pipe Stub: FBC-080 Pipe Stub	2	150	300	136
Total System Weight (Minus Bolts/Pins)			5205	2361

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12013B. R0

12" Adjustable Spreader Bar – Config: 12013B

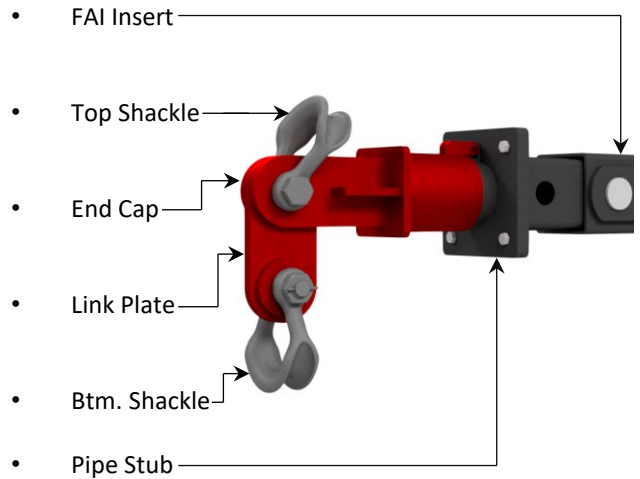
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
27'- 0"	77	85	94	104
28'- 0"	77	85	94	104
29'- 0"	77	85	94	104
30'- 0"	77	85	94	104
31'- 0"	77	85	94	104
32'- 0"	77	85	94	104
33'- 0"	75	83	94	104
34'- 0"	71	78	94	104
35'- 0"	65	72	94	104
36'- 0"	61	67	94	104
37'- 0"	54	60	94	104
38'- 0"	51	56	88	97
39'- 0"	47	52	82	90
40'- 0"	44	48	76	84
41'- 0"	41	45	71	78

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Insert: FAI-101 Insert (HSS10x10x1/2-46KSI)	1	3843	3843	1743
End Cap: FEC-081 End Cap	2	239	478	217
Top Shackle: 55mt WB Top Shackle	2	68	136	62
Bottom Shackle: 55mt WB Bottom Shackle	2	68	136	62
Link Plate: FLP-008 Link Plate	2	80	160	73
Pipe Stub: FBC-080 Pipe Stub	2	150	300	136
Total System Weight (Minus Bolts/Pins)			5053	2293

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12013C. R0

12" Adjustable Spreader Bar – Config: 12013C

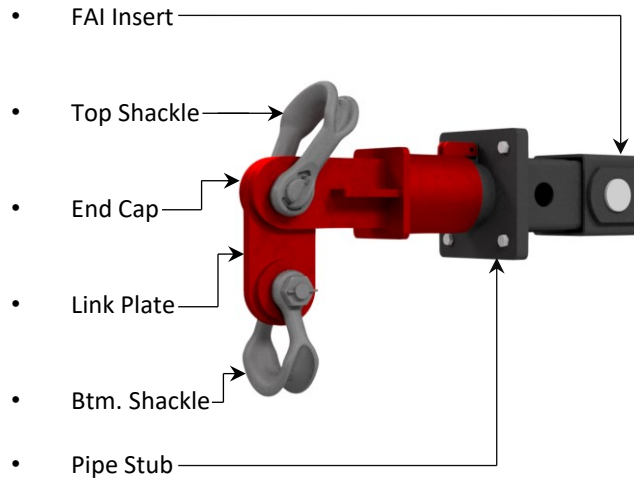
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
27'- 0"	105	116	110	121
28'- 0"	105	116	110	121
29'- 0"	100	110	110	121
30'- 0"	93	103	110	121
31'- 0"	87	96	110	121
32'- 0"	81	89	110	121
33'- 0"	75	83	110	121
34'- 0"	71	78	110	121
35'- 0"	65	72	110	121
36'- 0"	61	67	106	117
37'- 0"	54	60	95	105
38'- 0"	51	56	88	97
39'- 0"	47	52	82	90
40'- 0"	44	48	76	84
41'- 0"	41	45	71	78

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Insert: FAI-101 Insert (HSS10x10x1/2-46KSI)	1	3843	3843	1743
End Cap: FEC-081 End Cap	2	239	478	217
Top Shackle: 75mt WB Top Shackle	2	106	212	96
Bottom Shackle: 55mt WB Bottom Shackle	2	68	136	62
Link Plate: FLP-008 Link Plate	2	80	160	73
Pipe Stub: FBC-080 Pipe Stub	2	150	300	136
Total System Weight (Minus Bolts/Pins)			5129	2327

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12014A. R0

12" Adjustable Spreader Bar – Config: 12014A

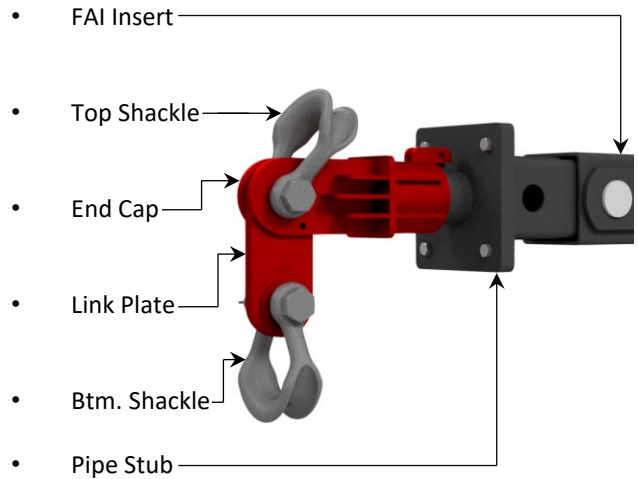
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
25'- 10"	77	85	94	104
26'- 10"	77	85	94	104
27'- 10"	77	85	94	104
28'- 10"	77	85	94	104
29'- 10"	77	85	94	104
30'- 10"	77	85	94	104
31'- 10"	77	85	94	104
32'- 10"	77	85	94	104
33'- 10"	77	85	94	104
34'- 10"	77	85	94	104
35'- 10"	77	85	94	104
36'- 10"	77	85	94	104
37'- 10"	75	83	94	104
38'- 10"	73	80	94	104
39'- 10"	71	78	94	104

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Insert: FAI-101 Insert (HSS10x10x1/2-46KSI)	1	3843	3843	1743
End Cap: FEC-061 End Cap	2	150	300	136
Top Shackle: 55mt WB Top Shackle	2	68	136	62
Bottom Shackle: 55mt WB Bottom Shackle	2	68	136	62
Link Plate: FLP-006 Link Plate	2	60	120	54
Pipe Stub: FBC-060 Pipe Stub	2	121	242	110
Total System Weight (Minus Bolts/Pins)			4777	2167

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12014B. R0

12" Adjustable Spreader Bar – Config: 12014B

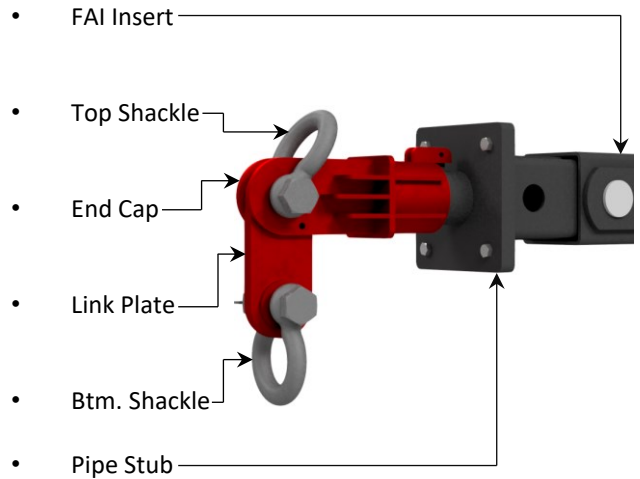
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
25'- 10"	49	54	60	66
26'- 10"	49	54	60	66
27'- 10"	49	54	60	66
28'- 10"	49	54	60	66
29'- 10"	49	54	60	66
30'- 10"	49	54	60	66
31'- 10"	49	54	60	66
32'- 10"	49	54	60	66
33'- 10"	49	54	60	66
34'- 10"	49	54	60	66
35'- 10"	49	54	60	66
36'- 10"	49	54	60	66
37'- 10"	49	54	60	66
38'- 10"	48	53	60	66
39'- 10"	44	49	60	66

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Insert: FAI-101 Insert (HSS10x10x1/2-46KSI)	1	3843	3843	1743
End Cap: FEC-061 End Cap	2	150	300	136
Top Shackle: 35mt Bolt Top Shackle	2	53	106	48
Bottom Shackle: 35mt Bolt Bottom Shackle	2	53	106	48
Link Plate: FLP-006 Link Plate	2	60	120	54
Pipe Stub: FBC-060 Pipe Stub	2	121	242	110
Total System Weight (Minus Bolts/Pins)			4717	2140

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-12014C. R0

12" Adjustable Spreader Bar – Config: 12014C

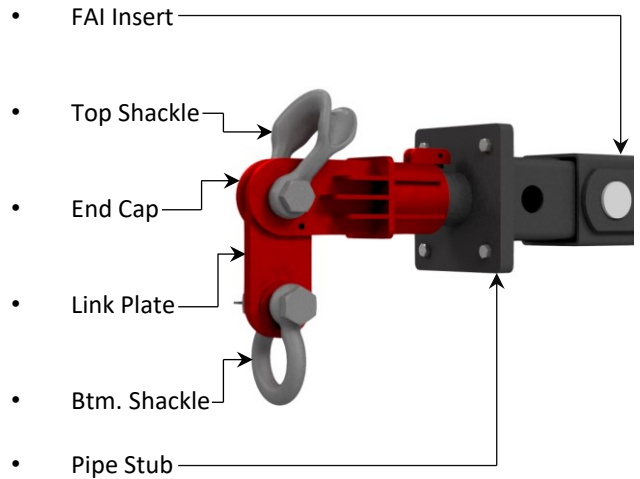
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
25'- 10"	70	77	70	77
26'- 10"	70	77	70	77
27'- 10"	70	77	70	77
28'- 10"	70	77	70	77
29'- 10"	70	77	70	77
30'- 10"	70	77	70	77
31'- 10"	70	77	70	77
32'- 10"	70	77	70	77
33'- 10"	70	77	70	77
34'- 10"	66	73	70	77
35'- 10"	62	68	70	77
36'- 10"	55	61	70	77
37'- 10"	52	57	70	77
38'- 10"	48	53	70	77
39'- 10"	44	49	70	77

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Insert: FAI-101 Insert (HSS10x10x1/2-46KSI)	1	3843	3843	1743
End Cap: FEC-061 End Cap	2	150	300	136
Top Shackle: 55mt WB Top Shackle	2	68	136	62
Bottom Shackle: 35mt Bolt Bottom Shackle	2	53	106	48
Link Plate: FLP-006 Link Plate	2	60	120	54
Pipe Stub: FBC-060 Pipe Stub	2	121	242	110
Total System Weight (Minus Bolts/Pins)			4747	2153

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-14002A. R0

14" Spreader Bar – Config: 14002A

Capacity Chart

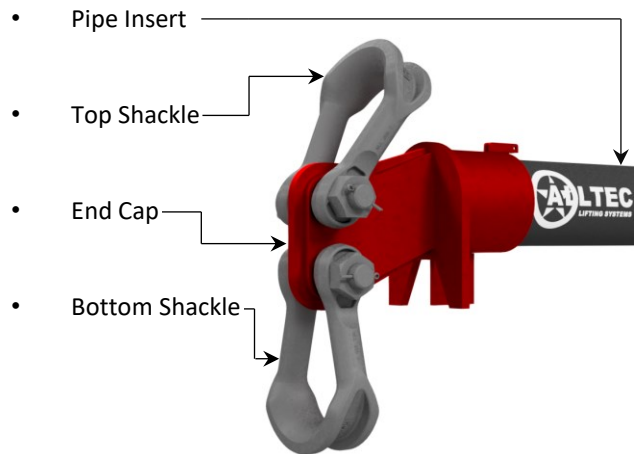
Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
7'- 0"	256	282	346	381
8'- 0"	253	279	346	381
9'- 0"	250	276	346	381
10'- 0"	248	273	346	381
11'- 0"	245	270	346	381
12'- 0"	241	266	346	381
13'- 0"	239	263	346	381
14'- 0"	235	259	346	381
15'- 0"	231	255	346	381
16'- 0"	227	250	346	381
17'- 0"	223	246	346	381
18'- 0"	219	241	346	381
19'- 0"	214	236	346	381
20'- 0"	209	230	346	381
21'- 0"	203	224	346	381
22'- 0"	199	219	344	379
23'- 0"	192	212	334	368
24'- 0"	187	206	324	357
25'- 0"	181	199	313	345
26'- 0"	174	192	302	333
27'- 0"	168	185	290	320
28'- 0"	161	177	279	308
29'- 0"	154	170	268	295

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
30'- 0"	147	162	256	282
31'- 0"	141	155	244	269
32'- 0"	134	148	232	256
33'- 0"	127	140	221	243
34'- 0"	121	133	210	231
35'- 0"	114	126	199	219
36'- 0"	108	119	188	207
37'- 0"	103	113	178	196
38'- 0"	97	107	168	185
39'- 0"	92	101	159	175
40'- 0"	86	95	150	165

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 14in Pipe Insert (Pipe14XS-42KSI)	1	72/ft	Per Config	Per Config
End Cap: FEC-141 End Cap	2	760	1520	689
Top Shackle: 200mt WB Top Shackle	2	452	904	410
Bottom Shackle: 200mt WB Bottom Shackle	2	452	904	410
End Cap Length Deduction= 40"				
Total System Weight (Minus Pipe Weight)			3328	1510

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-14003A. R0

14" Adjustable Spreader Bar – Config: 14003A

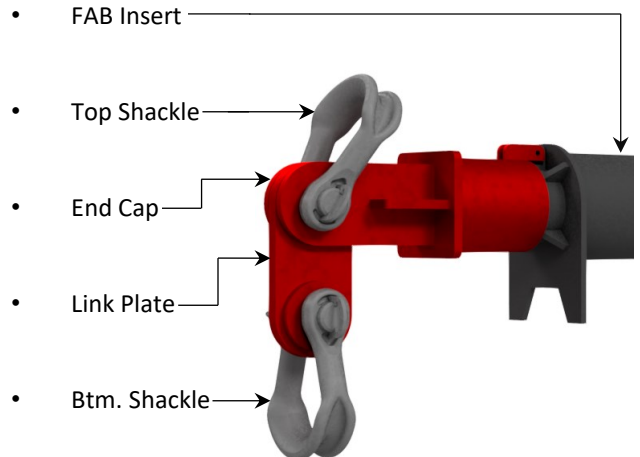
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
35'- 0"	78	86	130	143
35'- 6"	76	84	130	143
36'- 0"	74	81	128	141
36'- 6"	71	78	123	136
37'- 0"	69	76	120	132
37'- 6"	66	73	116	128
38'- 0"	64	71	113	124
38'- 6"	63	69	109	120
39'- 0"	61	67	105	116
39'- 6"	58	64	102	112
40'- 0"	56	62	98	108
40'- 6"	54	60	95	105
41'- 0"	53	58	92	101
41'- 6"	51	56	89	98
42'- 0"	49	54	86	95
42'- 6"	48	53	83	91
43'- 0"	46	51	80	88
43'- 6"	44	49	77	85
44'- 0"	43	47	74	82
44'- 6"	42	46	73	80
45'- 0"	40	44	70	77
45'- 6"	39	43	67	74
46'- 0"	37	41	65	72

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Insert: FAB-009 Insert (Pipe12XS-42KSI)	1	4354	4354	1975
End Cap: FEC-081 End Cap	2	239	478	217
Top Shackle: 75mt WB Top Shackle	2	106	212	96
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
Link Plate: FLP-008 Link Plate	2	80	160	73
Total System Weight (Minus Bolts/Pins)			5416	2457

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-14003A. R0

14" Adjustable Spreader Bar – Config: 14003A - Continued

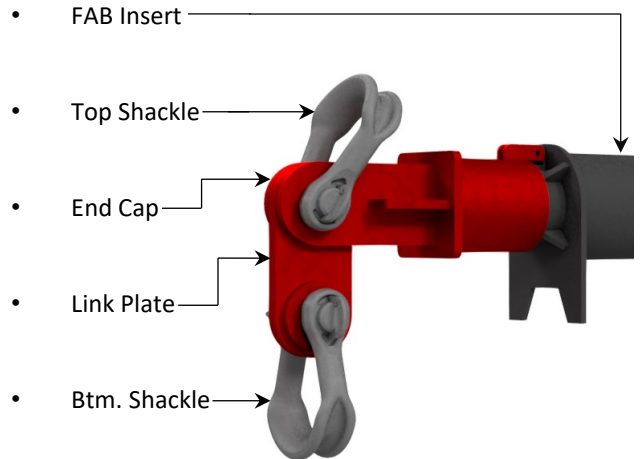
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
46'- 6"	36	40	63	69
47'- 0"	35	39	61	67
47'- 6"	34	37	59	65
48'- 0"	33	36	57	63
48'- 6"	32	35	55	61
49'- 0"	31	34	54	59
49'- 6"	30	33	52	57
50'- 0"	29	32	50	55
50'- 6"	26	29	45	50
51'- 0"	25	28	44	48
51'- 6"	25	27	42	46
52'- 0"	24	26	41	45
52'- 6"	23	25	39	43
53'- 0"	22	24	38	42
53'- 6"	21	23	36	40
54'- 0"	20	22	35	39
54'- 6"	20	22	34	38
55'- 0"	19	21	33	36
55'- 6"	18	20	32	35
56'- 0"	17	19	31	34

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Insert: FAB-009 Insert (Pipe12XS-42KSI)	1	4354	4354	1975
End Cap: FEC-081 End Cap	2	239	478	217
Top Shackle: 75mt WB Top Shackle	2	106	212	96
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
Link Plate: FLP-008 Link Plate	2	80	160	73
Total System Weight (Minus Bolts/Pins)			5416	2457

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-14003B. R0

14" Adjustable Spreader Bar – Config: 14003B

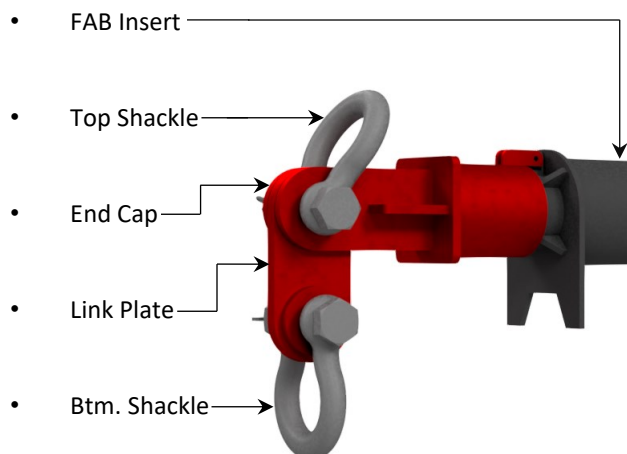
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
35'- 0"	77	85	94	104
35'- 6"	76	84	94	104
36'- 0"	74	81	94	104
36'- 6"	71	78	94	104
37'- 0"	69	76	94	104
37'- 6"	66	73	94	104
38'- 0"	64	71	94	104
38'- 6"	63	69	94	104
39'- 0"	61	67	94	104
39'- 6"	58	64	94	104
40'- 0"	56	62	94	104
40'- 6"	54	60	94	104
41'- 0"	53	58	92	101
41'- 6"	51	56	89	98
42'- 0"	49	54	86	95
42'- 6"	48	53	83	91
43'- 0"	46	51	80	88
43'- 6"	44	49	77	85
44'- 0"	43	47	74	82
44'- 6"	42	46	73	80
45'- 0"	40	44	70	77
45'- 6"	39	43	67	74
46'- 0"	37	41	65	72

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Insert: FAB-009 Insert (Pipe12XS-42KSI)	1	4354	4354	1975
End Cap: FEC-081 End Cap	2	239	478	217
Top Shackle: 55mt Bolt Top Shackle	2	98	196	89
Bottom Shackle: 55mt Bolt Bottom Shackle	2	98	196	89
Link Plate: FLP-008 Link Plate	2	80	160	73
Total System Weight (Minus Bolts/Pins)			5384	2443

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-14003B. R0

14" Adjustable Spreader Bar – Config: 14003B - Continued

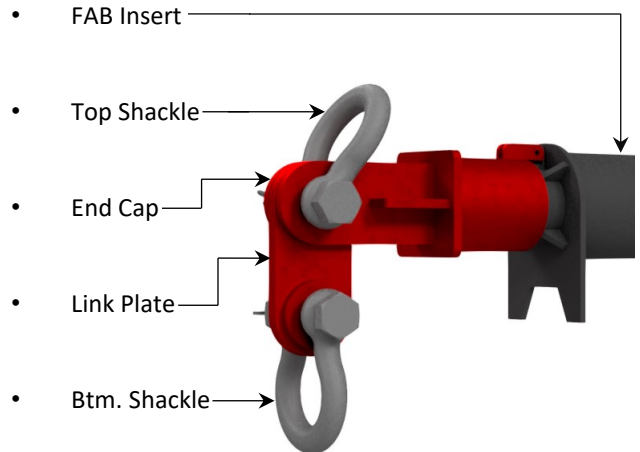
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
46'- 6"	36	40	63	69
47'- 0"	35	39	61	67
47'- 6"	34	37	59	65
48'- 0"	33	36	57	63
48'- 6"	32	35	55	61
49'- 0"	31	34	54	59
49'- 6"	30	33	52	57
50'- 0"	29	32	50	55
50'- 6"	26	29	45	50
51'- 0"	25	28	44	48
51'- 6"	25	27	42	46
52'- 0"	24	26	41	45
52'- 6"	23	25	39	43
53'- 0"	22	24	38	42
53'- 6"	21	23	36	40
54'- 0"	20	22	35	39
54'- 6"	20	22	34	38
55'- 0"	19	21	33	36
55'- 6"	18	20	32	35
56'- 0"	17	19	31	34

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Insert: FAB-009 Insert (Pipe12XS-42KSI)	1	4354	4354	1975
End Cap: FEC-081 End Cap	2	239	478	217
Top Shackle: 55mt Bolt Top Shackle	2	98	196	89
Bottom Shackle: 55mt Bolt Bottom Shackle	2	98	196	89
Link Plate: FLP-008 Link Plate	2	80	160	73
Total System Weight (Minus Bolts/Pins)			5384	2443

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-14003C. R0

14" Adjustable Spreader Bar – Config: 14003C

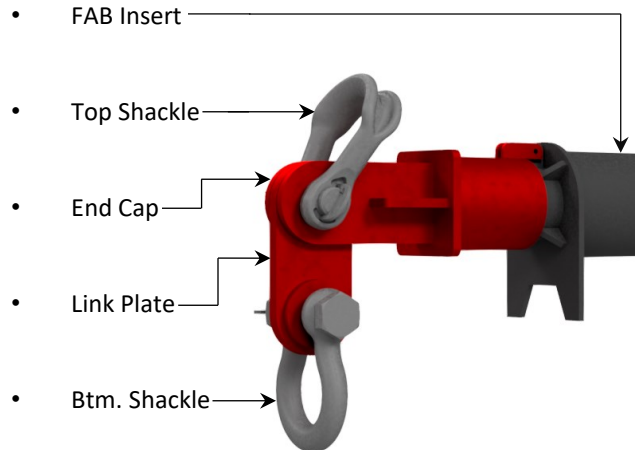
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
35'- 0"	78	86	110	121
35'- 6"	76	84	110	121
36'- 0"	74	81	110	121
36'- 6"	71	78	110	121
37'- 0"	69	76	110	121
37'- 6"	66	73	110	121
38'- 0"	64	71	110	121
38'- 6"	63	69	109	120
39'- 0"	61	67	105	116
39'- 6"	58	64	102	112
40'- 0"	56	62	98	108
40'- 6"	54	60	95	105
41'- 0"	53	58	92	101
41'- 6"	51	56	89	98
42'- 0"	49	54	86	95
42'- 6"	48	53	83	91
43'- 0"	46	51	80	88
43'- 6"	44	49	77	85
44'- 0"	43	47	74	82
44'- 6"	42	46	73	80
45'- 0"	40	44	70	77
45'- 6"	39	43	67	74
46'- 0"	37	41	65	72

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Insert: FAB-009 Insert (Pipe12XS-42KSI)	1	4354	4354	1975
End Cap: FEC-081 End Cap	2	239	478	217
Top Shackle: 75mt WB Top Shackle	2	106	212	96
Bottom Shackle: 55mt Bolt Bottom Shackle	2	98	196	89
Link Plate: FLP-008 Link Plate	2	80	160	73
Total System Weight (Minus Bolts/Pins)			5400	2450

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-14003C. R0

14" Adjustable Spreader Bar – Config: 14003C - Continued

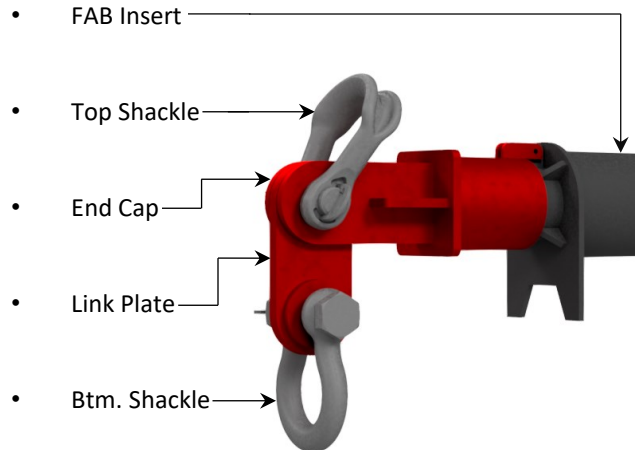
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
46'- 6"	36	40	63	69
47'- 0"	35	39	61	67
47'- 6"	34	37	59	65
48'- 0"	33	36	57	63
48'- 6"	32	35	55	61
49'- 0"	31	34	54	59
49'- 6"	30	33	52	57
50'- 0"	29	32	50	55
50'- 6"	26	29	45	50
51'- 0"	25	28	44	48
51'- 6"	25	27	42	46
52'- 0"	24	26	41	45
52'- 6"	23	25	39	43
53'- 0"	22	24	38	42
53'- 6"	21	23	36	40
54'- 0"	20	22	35	39
54'- 6"	20	22	34	38
55'- 0"	19	21	33	36
55'- 6"	18	20	32	35
56'- 0"	17	19	31	34

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Insert: FAB-009 Insert (Pipe12XS-42KSI)	1	4354	4354	1975
End Cap: FEC-081 End Cap	2	239	478	217
Top Shackle: 75mt WB Top Shackle	2	106	212	96
Bottom Shackle: 55mt Bolt Bottom Shackle	2	98	196	89
Link Plate: FLP-008 Link Plate	2	80	160	73
Total System Weight (Minus Bolts/Pins)			5400	2450

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-14004A. R0

14" Adjustable Spreader Bar – Config: 14004A

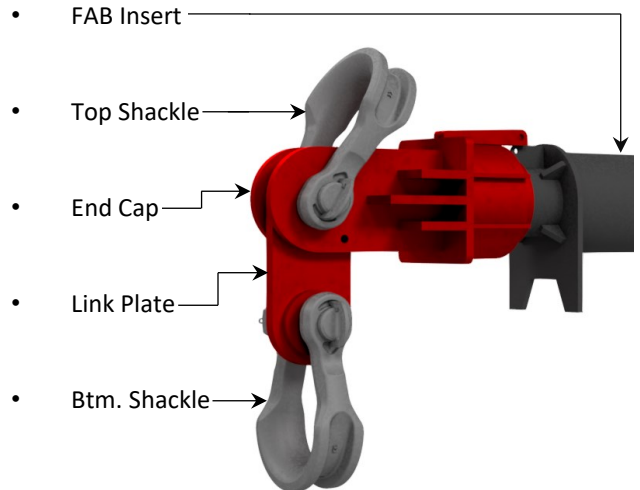
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
35'- 0"	78	86	136	150
35'- 6"	76	84	132	145
36'- 0"	74	81	128	141
36'- 6"	71	78	123	136
37'- 0"	69	76	120	132
37'- 6"	66	73	116	128
38'- 0"	64	71	113	124
38'- 6"	63	69	109	120
39'- 0"	61	67	105	116
39'- 6"	58	64	102	112
40'- 0"	56	62	98	108
40'- 6"	54	60	95	105
41'- 0"	53	58	92	101
41'- 6"	51	56	89	98
42'- 0"	49	54	86	95
42'- 6"	47	52	83	91
43'- 0"	46	51	80	88
43'- 6"	44	49	77	85
44'- 0"	43	47	74	82
44'- 6"	42	46	73	80
45'- 0"	40	44	70	77
45'- 6"	39	43	67	74
46'- 0"	37	41	65	72

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Insert: FAB-009 Insert (Pipe12XS-42KSI)	1	4354	4354	1975
End Cap: FEC-122 End Cap	2	424	848	385
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 125mt WB Bottom Shackle	2	203	406	184
Link Plate: FLP-010 Link Plate	2	120	240	109
Total System Weight (Minus Bolts/Pins)			6254	2837

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-14004A. R0

14" Adjustable Spreader Bar – Config: 14004A - Continued

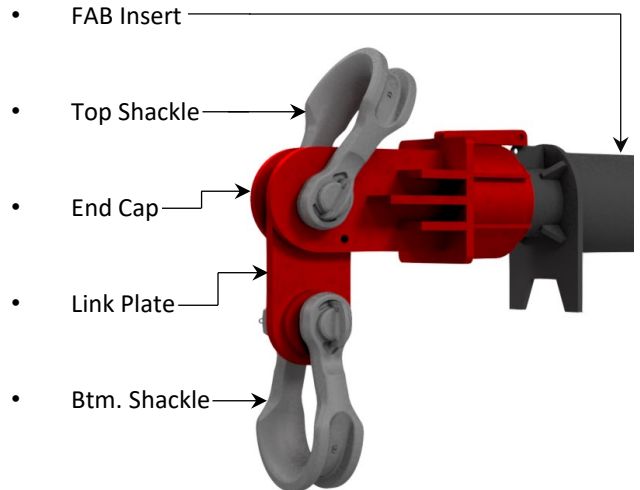
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
46'- 6"	36	40	63	69
47'- 0"	35	39	61	67
47'- 6"	34	37	59	65
48'- 0"	33	36	57	63
48'- 6"	32	35	55	61
49'- 0"	31	34	54	59
49'- 6"	30	33	52	57
50'- 0"	29	32	50	55
50'- 6"	26	29	45	50
51'- 0"	25	28	44	48
51'- 6"	25	27	42	46
52'- 0"	24	26	41	45
52'- 6"	23	25	39	43
53'- 0"	22	24	38	42
53'- 6"	21	23	36	40
54'- 0"	20	22	35	39
54'- 6"	20	22	34	38
55'- 0"	19	21	33	36
55'- 6"	18	20	32	35
56'- 0"	17	19	31	34

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Insert: FAB-009 Insert (Pipe12XS-42KSI)	1	4354	4354	1975
End Cap: FEC-122 End Cap	2	424	848	385
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 125mt WB Bottom Shackle	2	203	406	184
Link Plate: FLP-010 Link Plate	2	120	240	109
Total System Weight (Minus Bolts/Pins)			6254	2837

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-14004B. R0

14" Adjustable Spreader Bar – Config: 14004B

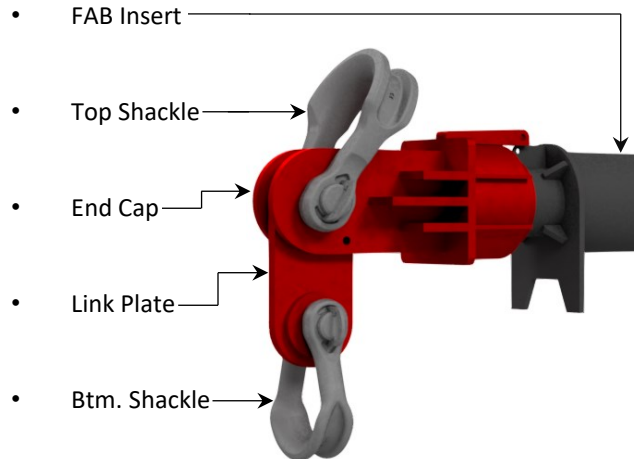
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
35'- 0"	78	86	136	150
35'- 6"	76	84	132	145
36'- 0"	74	81	128	141
36'- 6"	71	78	123	136
37'- 0"	69	76	120	132
37'- 6"	66	73	116	128
38'- 0"	64	71	113	124
38'- 6"	63	69	109	120
39'- 0"	61	67	105	116
39'- 6"	58	64	102	112
40'- 0"	56	62	98	108
40'- 6"	54	60	95	105
41'- 0"	53	58	92	101
41'- 6"	51	56	89	98
42'- 0"	49	54	86	95
42'- 6"	47	52	83	91
43'- 0"	46	51	80	88
43'- 6"	44	49	77	85
44'- 0"	43	47	74	82
44'- 6"	42	46	73	80
45'- 0"	40	44	70	77
45'- 6"	39	43	67	74
46'- 0"	37	41	65	72

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Insert: FAB-009 Insert (Pipe12XS-42KSI)	1	4354	4354	1975
End Cap: FEC-122 End Cap	2	424	848	385
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
Link Plate: FLP-010 Link Plate	2	120	240	109
Total System Weight (Minus Bolts/Pins)			6060	2749

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-14004B. R0

14" Adjustable Spreader Bar – Config: 14004B - Continued

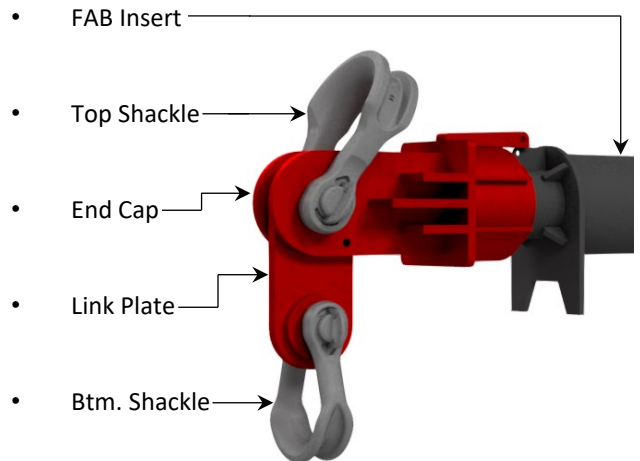
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
46'- 6"	36	40	63	69
47'- 0"	35	39	61	67
47'- 6"	34	37	59	65
48'- 0"	33	36	57	63
48'- 6"	32	35	55	61
49'- 0"	31	34	54	59
49'- 6"	30	33	52	57
50'- 0"	29	32	50	55
50'- 6"	26	29	45	50
51'- 0"	25	28	44	48
51'- 6"	25	27	42	46
52'- 0"	24	26	41	45
52'- 6"	23	25	39	43
53'- 0"	22	24	38	42
53'- 6"	21	23	36	40
54'- 0"	20	22	35	39
54'- 6"	20	22	34	38
55'- 0"	19	21	33	36
55'- 6"	18	20	32	35
56'- 0"	17	19	31	34

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Insert: FAB-009 Insert (Pipe12XS-42KSI)	1	4354	4354	1975
End Cap: FEC-122 End Cap	2	424	848	385
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 75mt WB Bottom Shackle	2	106	212	96
Link Plate: FLP-010 Link Plate	2	120	240	109
Total System Weight (Minus Bolts/Pins)			6060	2749

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-14004C. R0

14" Adjustable Spreader Bar – Config: 14004C

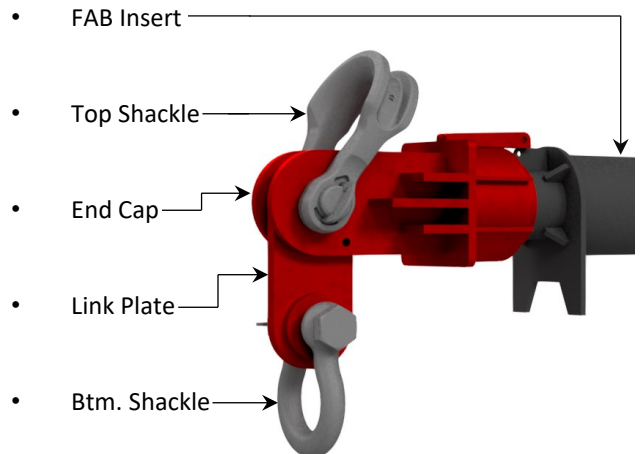
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
35'- 0"	78	86	110	121
35'- 6"	76	84	110	121
36'- 0"	74	81	110	121
36'- 6"	71	78	110	121
37'- 0"	69	76	110	121
37'- 6"	66	73	110	121
38'- 0"	64	71	110	121
38'- 6"	63	69	109	120
39'- 0"	61	67	105	116
39'- 6"	58	64	102	112
40'- 0"	56	62	98	108
40'- 6"	54	60	95	105
41'- 0"	53	58	92	101
41'- 6"	51	56	89	98
42'- 0"	49	54	86	95
42'- 6"	47	52	83	91
43'- 0"	46	51	80	88
43'- 6"	44	49	77	85
44'- 0"	43	47	74	82
44'- 6"	42	46	73	80
45'- 0"	40	44	70	77
45'- 6"	39	43	67	74
46'- 0"	37	41	65	72

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Insert: FAB-009 Insert (Pipe12XS-42KSI)	1	4354	4354	1975
End Cap: FEC-122 End Cap	2	424	848	385
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 55mt Bolt Bottom Shackle	2	98	196	89
Link Plate: FLP-010 Link Plate	2	120	240	109
Total System Weight (Minus Bolts/Pins)			6044	2742

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-14004C. R0

14" Adjustable Spreader Bar – Config: 14004C - Continued

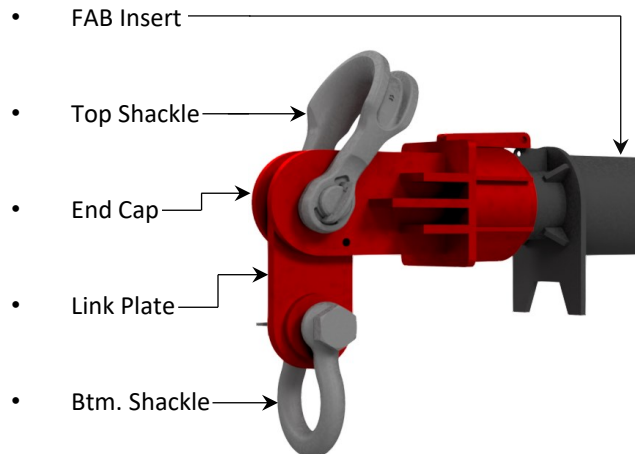
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
46'- 6"	36	40	63	69
47'- 0"	35	39	61	67
47'- 6"	34	37	59	65
48'- 0"	33	36	57	63
48'- 6"	32	35	55	61
49'- 0"	31	34	54	59
49'- 6"	30	33	52	57
50'- 0"	29	32	50	55
50'- 6"	26	29	45	50
51'- 0"	25	28	44	48
51'- 6"	25	27	42	46
52'- 0"	24	26	41	45
52'- 6"	23	25	39	43
53'- 0"	22	24	38	42
53'- 6"	21	23	36	40
54'- 0"	20	22	35	39
54'- 6"	20	22	34	38
55'- 0"	19	21	33	36
55'- 6"	18	20	32	35
56'- 0"	17	19	31	34

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAB Insert: FAB-009 Insert (Pipe12XS-42KSI)	1	4354	4354	1975
End Cap: FEC-122 End Cap	2	424	848	385
Top Shackle: 125mt WB Top Shackle	2	203	406	184
Bottom Shackle: 55mt Bolt Bottom Shackle	2	98	196	89
Link Plate: FLP-010 Link Plate	2	120	240	109
Total System Weight (Minus Bolts/Pins)			6044	2742

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-18001A. R0

18" Spreader Bar – Config: 18001A

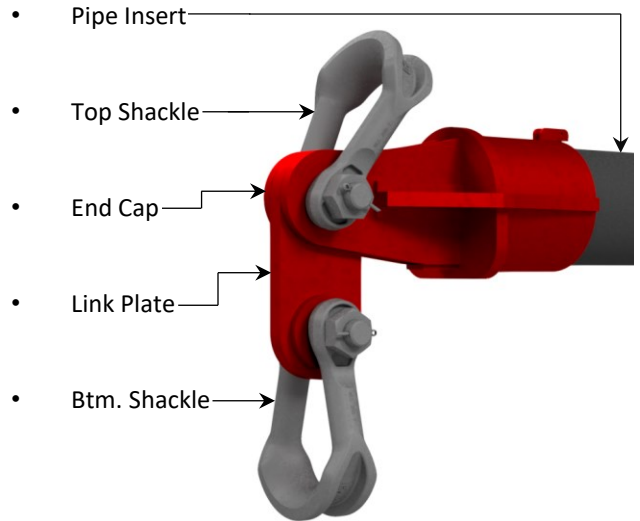
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
8'- 0"	282	311	346	381
9'- 0"	282	311	346	381
10'- 0"	282	311	346	381
11'- 0"	282	311	346	381
12'- 0"	282	311	346	381
13'- 0"	282	311	346	381
14'- 0"	282	311	346	381
15'- 0"	282	311	346	381
16'- 0"	282	311	346	381
17'- 0"	282	311	346	381
18'- 0"	282	311	346	381
19'- 0"	282	311	346	381
20'- 0"	282	311	346	381
21'- 0"	282	311	346	381
22'- 0"	282	311	346	381
23'- 0"	280	309	346	381
24'- 0"	276	304	346	381
25'- 0"	270	298	346	381
26'- 0"	265	292	346	381
27'- 0"	260	286	346	381
28'- 0"	254	280	346	381
29'- 0"	248	273	346	381
30'- 0"	241	266	346	381

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 18in Pipe Insert (Pipe18XS-42KSI)	1	94/ft	Per Config	Per Config
End Cap: FEC-181 End Cap	2	918	1836	833
Top Shackle: 200mt WB Top Shackle	2	452	904	410
Bottom Shackle: 200mt WB Bottom Shackle	2	452	904	410
Link Plate: FLP-005 Link Plate	2	290	580	263
End Cap Length Deduction= 49"				
Total System Weight (Minus Pipe Weight)			4224	1916

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-18001A. R0

18" Spreader Bar – Config: 18001A

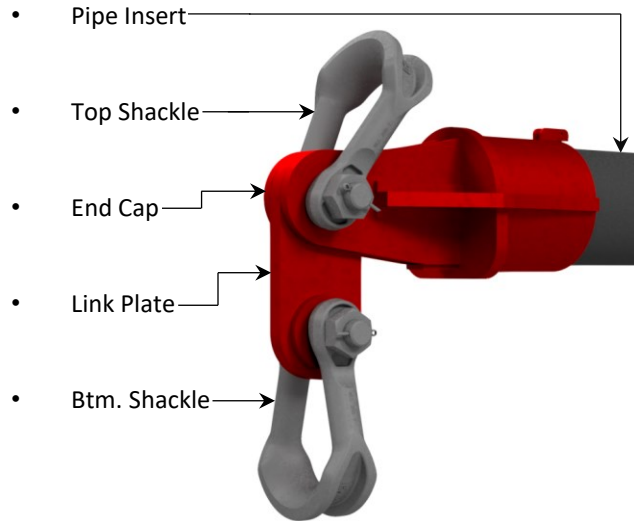
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
31'- 0"	235	259	346	381
32'- 0"	229	252	346	381
33'- 0"	221	244	346	381
34'- 0"	215	237	346	381
35'- 0"	208	229	346	381
36'- 0"	201	221	346	381
37'- 0"	193	213	336	370
38'- 0"	186	205	323	356
39'- 0"	180	198	311	343
40'- 0"	172	190	299	329
41'- 0"	165	182	287	316
42'- 0"	159	175	275	303
43'- 0"	152	168	264	291
44'- 0"	145	160	252	278
45'- 0"	139	153	241	266
46'- 0"	133	147	230	254
47'- 0"	127	140	221	243
48'- 0"	122	134	211	232
49'- 0"	116	128	201	221
50'- 0"	111	122	191	211

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 18in Pipe Insert (Pipe18XS-42KSI)	1	94/ft	Per Config	Per Config
End Cap: FEC-181 End Cap	2	918	1836	833
Top Shackle: 200mt WB Top Shackle	2	452	904	410
Bottom Shackle: 200mt WB Bottom Shackle	2	452	904	410
Link Plate: FLP-005 Link Plate	2	290	580	263
End Cap Length Deduction= 49"				
Total System Weight (Minus Pipe Weight)			4224	1916

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-18001B. R0

18" Spreader Bar – Config: 18001B

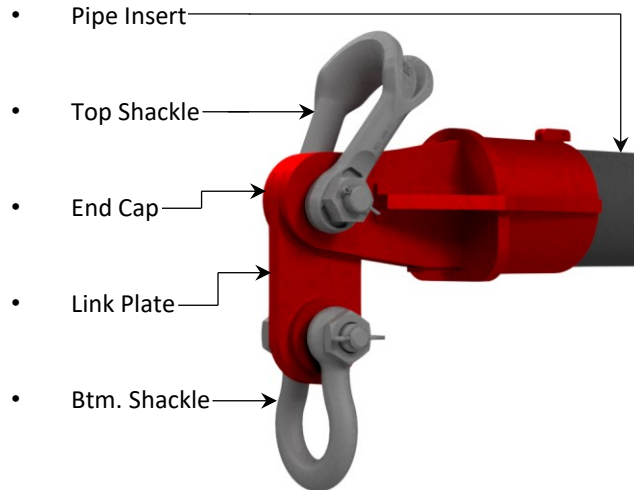
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
8'- 0"	240	264	240	264
9'- 0"	240	264	240	264
10'- 0"	240	264	240	264
11'- 0"	240	264	240	264
12'- 0"	240	264	240	264
13'- 0"	240	264	240	264
14'- 0"	240	264	240	264
15'- 0"	240	264	240	264
16'- 0"	240	264	240	264
17'- 0"	240	264	240	264
18'- 0"	240	264	240	264
19'- 0"	240	264	240	264
20'- 0"	240	264	240	264
21'- 0"	240	264	240	264
22'- 0"	240	264	240	264
23'- 0"	240	264	240	264
24'- 0"	240	264	240	264
25'- 0"	240	264	240	264
26'- 0"	240	264	240	264
27'- 0"	240	264	240	264
28'- 0"	240	264	240	264
29'- 0"	240	264	240	264
30'- 0"	240	264	240	264

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 18in Pipe Insert (Pipe18XS-42KSI)	1	94/ft	Per Config	Per Config
End Cap: FEC-181 End Cap	2	918	1836	833
Top Shackle: 200mt WB Top Shackle	2	452	904	410
Bottom Shackle: 120mt Bolt Bottom Shackle	2	243	486	220
Link Plate: FLP-005 Link Plate	2	290	580	263
End Cap Length Deduction= 49"				
Total System Weight (Minus Pipe Weight)			3806	1726

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-18001B. R0

18" Spreader Bar – Config: 18001B

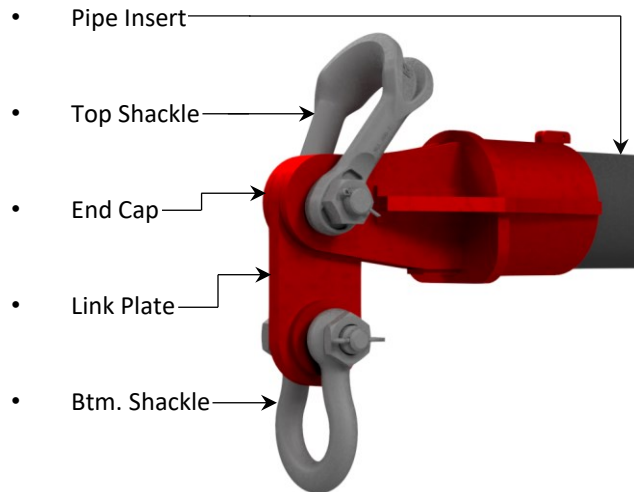
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
31'- 0"	235	259	240	264
32'- 0"	229	252	240	264
33'- 0"	221	244	240	264
34'- 0"	215	237	240	264
35'- 0"	208	229	240	264
36'- 0"	201	221	240	264
37'- 0"	193	213	240	264
38'- 0"	186	205	240	264
39'- 0"	180	198	240	264
40'- 0"	172	190	240	264
41'- 0"	165	182	240	264
42'- 0"	159	175	240	264
43'- 0"	152	168	240	264
44'- 0"	145	160	240	264
45'- 0"	139	153	240	264
46'- 0"	133	147	230	254
47'- 0"	127	140	221	243
48'- 0"	122	134	211	232
49'- 0"	116	128	201	221
50'- 0"	111	122	191	211

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 18in Pipe Insert (Pipe18XS-42KSI)	1	94/ft	Per Config	Per Config
End Cap: FEC-181 End Cap	2	918	1836	833
Top Shackle: 200mt WB Top Shackle	2	452	904	410
Bottom Shackle: 120mt Bolt Bottom Shackle	2	243	486	220
Link Plate: FLP-005 Link Plate	2	290	580	263
End Cap Length Deduction= 49"				
Total System Weight (Minus Pipe Weight)			3806	1726

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-18002A. R0

18" Spreader Bar – Config: 18002A

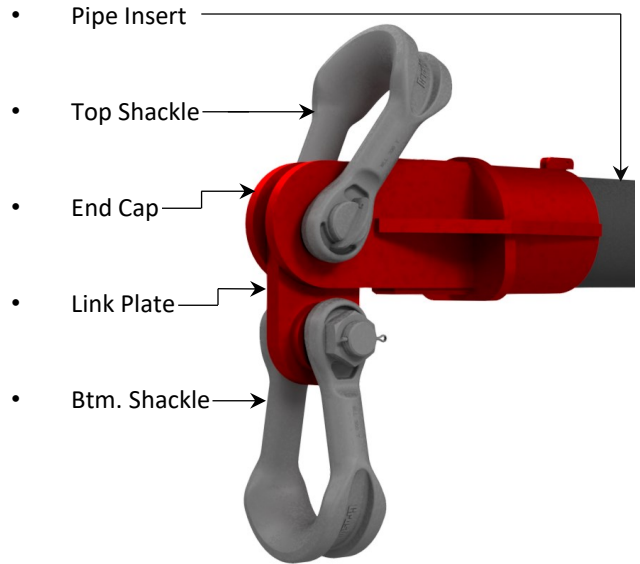
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
9'- 0"	331	365	519	572
10'- 0"	328	362	519	572
11'- 0"	326	359	519	572
12'- 0"	323	356	519	572
13'- 0"	320	353	519	572
14'- 0"	317	349	519	572
15'- 0"	314	346	519	572
16'- 0"	310	342	519	572
17'- 0"	307	338	519	572
18'- 0"	303	334	519	572
19'- 0"	299	329	518	571
20'- 0"	295	325	511	563
21'- 0"	290	320	503	554
22'- 0"	286	315	495	545
23'- 0"	280	309	486	536
24'- 0"	276	304	478	527
25'- 0"	270	298	469	517
26'- 0"	265	292	460	507
27'- 0"	260	286	450	496
28'- 0"	254	280	440	485
29'- 0"	248	273	429	473
30'- 0"	241	266	418	461
31'- 0"	235	259	407	449

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 18in Pipe Insert (Pipe18XS-42KSI)	1	94/ft	Per Config	Per Config
End Cap: FEC-182 End Cap	2	1340	2680	1216
Top Shackle: 300mt WB Top Shackle	2	794	1588	720
Bottom Shackle: 300mt WB Bottom Shackle	2	794	1588	720
Link Plate: FLP-003 Link Plate	2	311	622	282
End Cap Length Deduction= 56"				
Total System Weight (Minus Pipe Weight)			6478	2938

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-18002A. R0

18" Spreader Bar – Config: 18002A

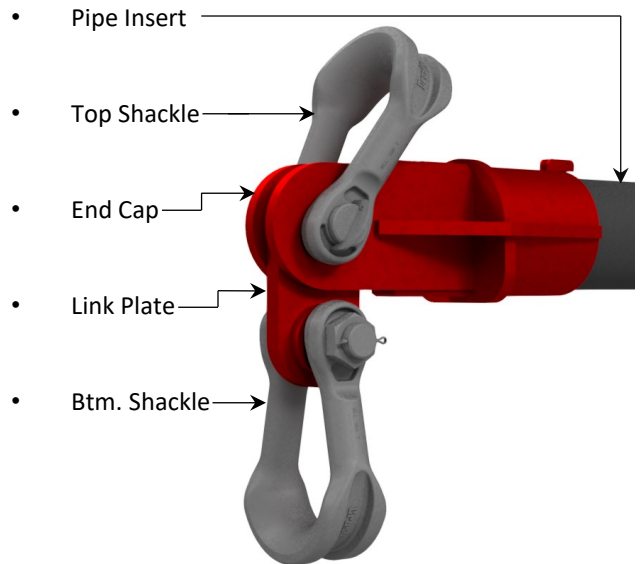
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
32'- 0"	229	252	396	436
33'- 0"	221	244	384	423
34'- 0"	215	237	372	410
35'- 0"	208	229	360	397
36'- 0"	201	221	348	383
37'- 0"	193	213	336	370
38'- 0"	187	206	323	356
39'- 0"	180	198	311	343
40'- 0"	172	190	299	329
41'- 0"	165	182	287	316
42'- 0"	159	175	275	303
43'- 0"	152	168	264	291
44'- 0"	145	160	252	278
45'- 0"	140	154	241	266
46'- 0"	133	147	231	255
47'- 0"	127	140	221	243
48'- 0"	122	134	211	232
49'- 0"	116	128	201	222
50'- 0"	111	122	191	211
51'- 0"	105	116	183	202

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 18in Pipe Insert (Pipe18XS-42KSI)	1	94/ft	Per Config	Per Config
End Cap: FEC-182 End Cap	2	1340	2680	1216
Top Shackle: 300mt WB Top Shackle	2	794	1588	720
Bottom Shackle: 300mt WB Bottom Shackle	2	794	1588	720
Link Plate: FLP-003 Link Plate	2	311	622	282
End Cap Length Deduction= 56"				
Total System Weight (Minus Pipe Weight)			6478	2938

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-18003A. R0

18" Double Spreader Bar – Config: 18003A

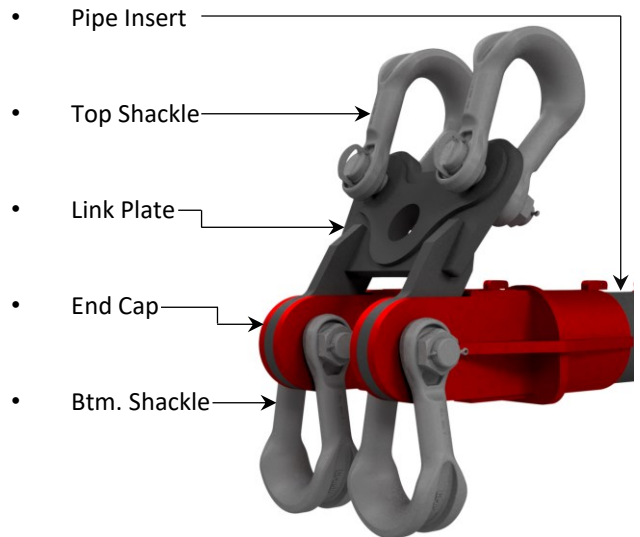
Capacity Chart

Top Sling Angle 54°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
9'- 0"	946	1042	1039	1145
10'- 0"	944	1040	1039	1145
11'- 0"	941	1037	1039	1145
12'- 0"	939	1035	1039	1145
13'- 0"	936	1032	1039	1145
14'- 0"	935	1030	1039	1145
15'- 0"	932	1027	1039	1145
16'- 0"	929	1024	1039	1145
17'- 0"	926	1021	1039	1145
18'- 0"	924	1018	1039	1145
19'- 0"	921	1015	1039	1145
20'- 0"	918	1012	1039	1145
21'- 0"	916	1009	1039	1145
22'- 0"	912	1005	1039	1145
23'- 0"	909	1002	1039	1145
24'- 0"	906	998	1039	1145
25'- 0"	903	995	1039	1145
26'- 0"	897	989	1039	1145
27'- 0"	894	985	1039	1145
28'- 0"	890	981	1039	1145
29'- 0"	887	977	1039	1145
30'- 0"	882	972	1039	1145
31'- 0"	878	968	1039	1145

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 18in Pipe Insert (Pipe18XSx2-42KSI)	1	188/ft	Per Config	Per Config
End Cap: FEC-182 End Cap	4	1340	5360	2431
Top Shackle: 300mt WB Top Shackle	4	794	3176	1441
Bottom Shackle: 300mt WB Bottom Shackle	4	794	3176	1441
Link Plate: FLP-003 Link Plate	2	1600	3200	1451
End Cap Length Deduction= 56"				
Total System Weight (Minus Pipe Weight)			14912	6764

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-18003A. R0

18" Double Spreader Bar – Config: 18003A

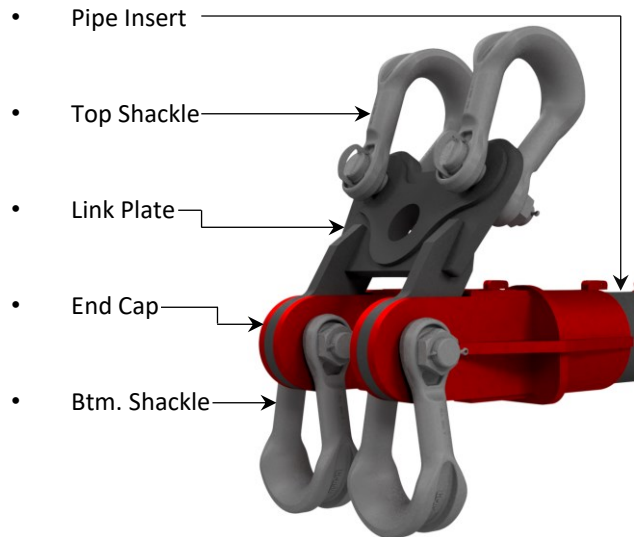
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
32'- 0"	635	700	1039	1145
33'- 0"	632	696	1039	1145
34'- 0"	629	693	1039	1145
35'- 0"	625	689	1039	1145
36'- 0"	622	685	1039	1145
37'- 0"	618	681	1039	1145
38'- 0"	614	677	1039	1145
39'- 0"	611	673	1039	1145
40'- 0"	607	669	1039	1145
41'- 0"	603	665	1039	1145
42'- 0"	599	660	1038	1144
43'- 0"	595	656	1031	1136
44'- 0"	591	651	1024	1128
45'- 0"	586	646	1015	1119
46'- 0"	582	641	1008	1111
47'- 0"	577	636	1000	1102
48'- 0"	573	631	992	1093
49'- 0"	568	626	985	1085
50'- 0"	563	620	975	1074
51'- 0"	557	614	966	1064

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 18in Pipe Insert (Pipe18XSx2-42KSI)	1	188/ft	Per Config	Per Config
End Cap: FEC-182 End Cap	4	1340	5360	2431
Top Shackle: 300mt WB Top Shackle	4	794	3176	1441
Bottom Shackle: 300mt WB Bottom Shackle	4	794	3176	1441
Link Plate: FLP-003 Link Plate	2	1600	3200	1451
End Cap Length Deduction= 56"				
Total System Weight (Minus Pipe Weight)			14912	6764

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-18004A. R0

18" Spreader Bar – Config: 18004A

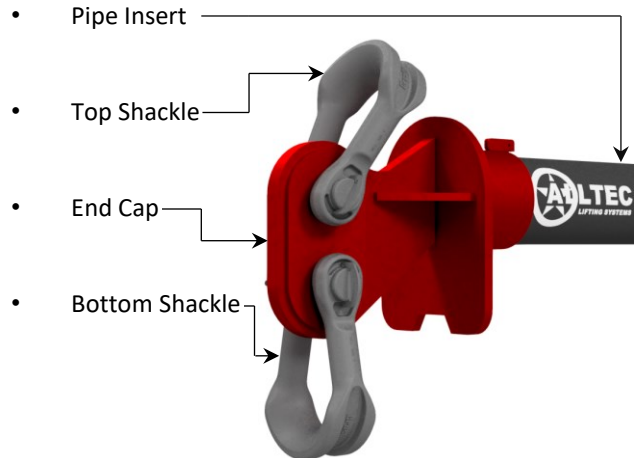
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
8'- 0"	334	368	519	572
9'- 0"	331	365	519	572
10'- 0"	328	362	519	572
11'- 0"	326	359	519	572
12'- 0"	323	356	519	572
13'- 0"	320	353	519	572
14'- 0"	317	349	519	572
15'- 0"	314	346	519	572
16'- 0"	310	342	519	572
17'- 0"	307	338	519	572
18'- 0"	303	334	519	572
19'- 0"	299	329	518	571
20'- 0"	295	325	511	563
21'- 0"	290	320	503	554
22'- 0"	286	315	495	545
23'- 0"	280	309	486	536
24'- 0"	276	304	478	527
25'- 0"	270	298	469	517
26'- 0"	265	292	460	507
27'- 0"	260	286	450	496
28'- 0"	254	280	440	485
29'- 0"	248	273	429	473
30'- 0"	241	266	418	461

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 18in Pipe Insert (Pipe18XS-42KSI)	1	94/ft	Per Config	Per Config
End Cap: FEC-183 End Cap	2	2195	4390	1991
Top Shackle: 300mt WB Top Shackle	2	794	1588	720
Bottom Shackle: 300mt WB Bottom Shackle	2	794	1588	720
End Cap Length Deduction= 56"				
Total System Weight (Minus Pipe Weight)			7566	3432

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-18004A. R0

18" Spreader Bar – Config: 18004A - Continued

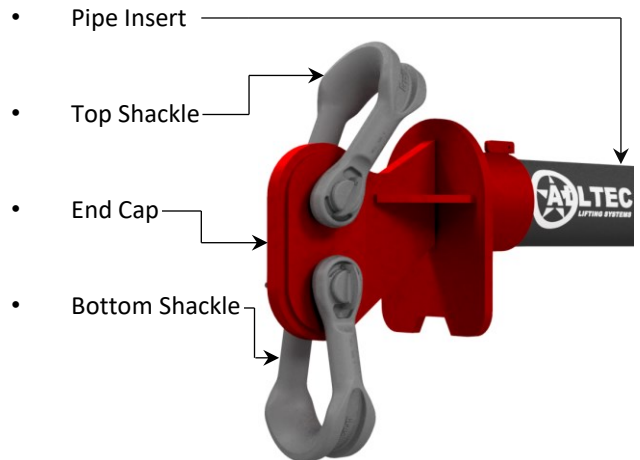
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
31'- 0"	235	259	407	449
32'- 0"	229	252	396	436
33'- 0"	221	244	384	423
34'- 0"	215	237	372	410
35'- 0"	208	229	360	397
36'- 0"	201	221	348	384
37'- 0"	193	213	336	370
38'- 0"	186	205	323	356
39'- 0"	180	198	311	343
40'- 0"	172	190	299	329
41'- 0"	165	182	287	316
42'- 0"	159	175	275	303
43'- 0"	152	168	264	291
44'- 0"	145	160	252	278
45'- 0"	139	153	241	266
46'- 0"	133	147	230	254
47'- 0"	127	140	221	243
48'- 0"	122	134	211	232
49'- 0"	116	128	201	221
50'- 0"	111	122	191	211

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 18in Pipe Insert (Pipe18XS-42KSI)	1	94/ft	Per Config	Per Config
End Cap: FEC-183 End Cap	2	2195	4390	1991
Top Shackle: 300mt WB Top Shackle	2	794	1588	720
Bottom Shackle: 300mt WB Bottom Shackle	2	794	1588	720
End Cap Length Deduction= 56"				
Total System Weight (Minus Pipe Weight)			7566	3432

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-24001A. R0

24" Spreader Bar – Config: 24001A

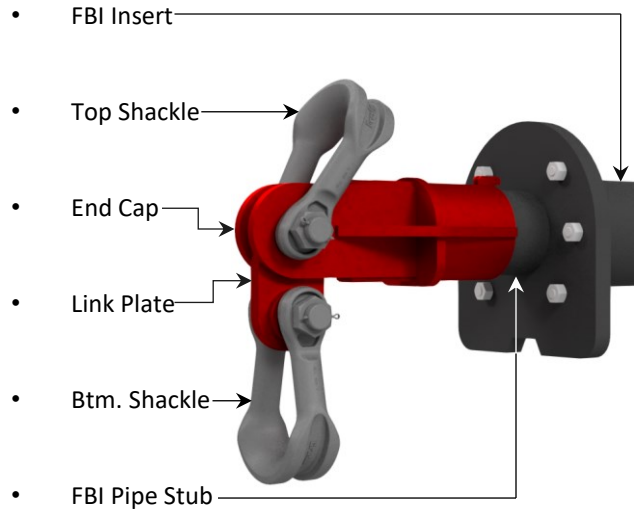
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
15'-0"	328	362	519	572
16'-0"	326	359	519	572
17'-0"	323	356	519	572
18'-0"	320	353	519	572
19'-0"	319	351	519	572
20'-0"	315	347	519	572
21'-0"	312	344	519	572
22'-0"	309	341	519	572
23'-0"	306	337	519	572
24'-0"	303	334	519	572
25'-0"	299	330	519	572
26'-0"	296	326	513	565
27'-0"	292	322	507	559
28'-0"	289	318	500	551
29'-0"	285	314	494	544
30'-0"	280	309	486	536
31'-0"	277	305	479	528
32'-0"	272	300	472	520
33'-0"	268	295	464	511
34'-0"	263	290	456	502
35'-0"	259	285	447	493

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FBI Insert: FBI Insert (Pipe24STD-42KSI)	Per Config	Per Config	Per Config	Per Config
FBI Pipe Stub: FBI-006 Pipe Stub Assembly	2	1616	3232	1466
End Cap: FEC-182 End Cap	2	1340	2680	1216
Top Shackle: 300mt WB Top Shackle	2	794	1588	720
Bottom Shackle: 300mt WB Bottom Shackle	2	794	1588	720
Link Plate: FLP-003 Link Plate	2	311	622	282
End Cap Length Deduction= 56"				
Total System Weight (Minus FBI Insert Weight)			9710	4404

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-24001A. R0

24" Spreader Bar – Config: 24001A - Continued

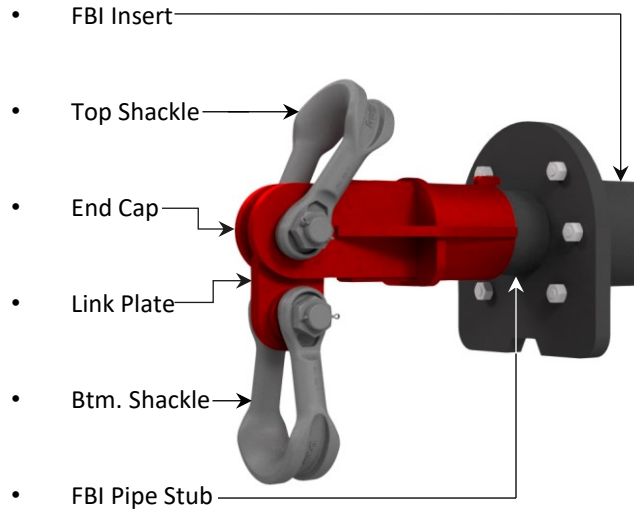
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
36'-0"	253	279	439	484
37'-0"	249	274	430	474
38'-0"	243	268	422	465
39'-0"	238	262	413	455
40'-0"	232	256	403	444
41'-0"	227	250	394	434
42'-0"	221	244	384	423
43'-0"	216	238	375	413
44'-0"	211	232	365	402
45'-0"	204	225	355	391
46'-0"	199	219	345	380
47'-0"	193	213	335	369
48'-0"	188	207	325	358
49'-0"	181	200	315	347
50'-0"	176	194	306	337
51'-0"	171	188	296	326
52'-0"	165	182	286	315
53'-0"	160	176	277	305
54'-0"	154	170	267	294
55'-0"	149	164	258	284
56'-0"	143	158	249	274

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FBI Insert: FBI Insert (Pipe24STD-42KSI)	Per Config	Per Config	Per Config	Per Config
FBI Pipe Stub: FBI-006 Pipe Stub Assembly	2	1616	3232	1466
End Cap: FEC-182 End Cap	2	1340	2680	1216
Top Shackle: 300mt WB Top Shackle	2	794	1588	720
Bottom Shackle: 300mt WB Bottom Shackle	2	794	1588	720
Link Plate: FLP-003 Link Plate	2	311	622	282
End Cap Length Deduction= 56"				
Total System Weight (Minus FBI Insert Weight)			9710	4404

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-24002A. R0

24" Spreader Bar – Config: 24002A

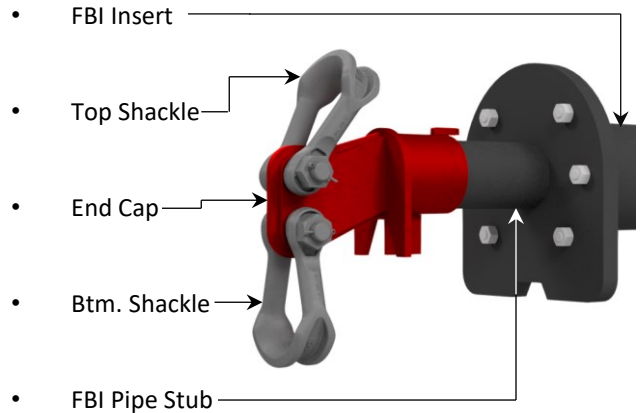
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
15'-0"	282	311	346	381
16'-0"	282	311	346	381
17'-0"	282	311	346	381
18'-0"	282	311	346	381
19'-0"	282	311	346	381
20'-0"	282	311	346	381
21'-0"	282	311	346	381
22'-0"	282	311	346	381
23'-0"	282	311	346	381
24'-0"	282	311	346	381
25'-0"	282	311	346	381
26'-0"	282	311	346	381
27'-0"	282	311	346	381
28'-0"	282	311	346	381
29'-0"	282	311	346	381
30'-0"	280	309	346	381
31'-0"	277	305	346	381
32'-0"	272	300	346	381
33'-0"	268	295	346	381
34'-0"	263	290	346	381
35'-0"	259	285	346	381

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FBI Insert: FBI Insert (Pipe24STD-42KSI)	Per Config	Per Config	Per Config	Per Config
FBI Pipe Stub: FBI-006 Pipe Stub Assembly	2	1616	3232	1466
End Cap: FEC-141 End Cap	2	760	1520	689
Top Shackle: 300mt WB Top Shackle	2	452	904	410
Bottom Shackle: 300mt WB Bottom Shackle	2	452	904	410
End Cap Length Deduction= 40"				
Total System Weight (Minus FBI Insert Weight)			6560	2975

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-24002A. R0

24" Spreader Bar – Config: 24002A - Continued

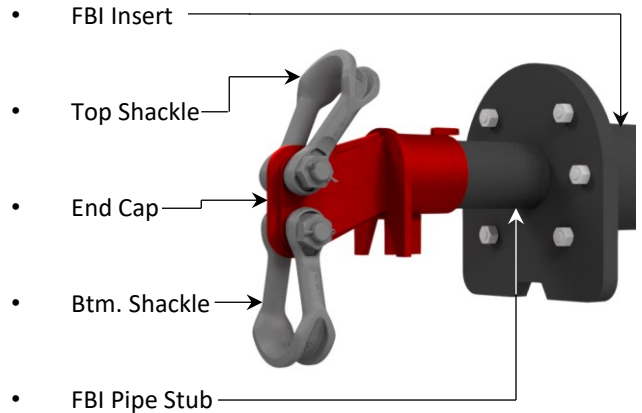
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
36'- 0"	253	279	346	381
37'- 0"	249	274	346	381
38'- 0"	243	268	346	381
39'- 0"	238	262	346	381
40'- 0"	232	256	346	381
41'- 0"	227	250	346	381
42'- 0"	221	244	346	381
43'- 0"	216	238	346	381
44'- 0"	211	232	346	381
45'- 0"	204	225	346	381
46'- 0"	199	219	345	380
47'- 0"	193	213	335	369
48'- 0"	188	207	325	358
49'- 0"	181	200	315	347
50'- 0"	176	194	306	337
51'- 0"	171	188	296	326
52'- 0"	165	182	286	315
53'- 0"	160	176	277	305
54'- 0"	154	170	267	294
55'- 0"	149	164	258	284
56'- 0"	143	158	249	274

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FBI Insert: FBI Insert (Pipe24STD-42KSI)	Per Config	Per Config	Per Config	Per Config
FBI Pipe Stub: FBI-006 Pipe Stub Assembly	2	1616	3232	1466
End Cap: FEC-141 End Cap	2	760	1520	689
Top Shackle: 300mt WB Top Shackle	2	452	904	410
Bottom Shackle: 300mt WB Bottom Shackle	2	452	904	410
End Cap Length Deduction= 40"				
Total System Weight (Minus FBI Insert Weight)			6560	2975

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-24003A. R0

24" Spreader Bar – Config: 24003A

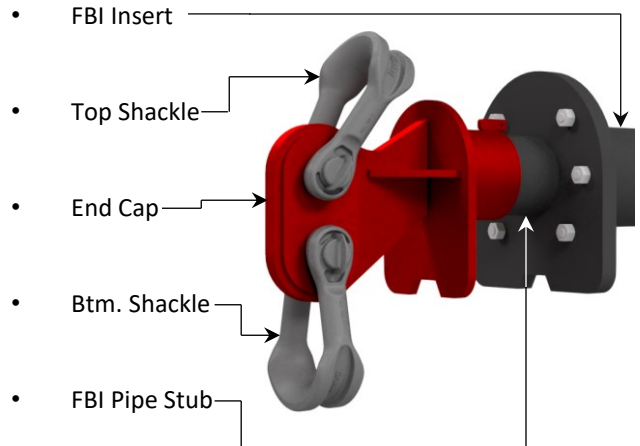
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
15'- 0"	328	362	519	572
16'- 0"	326	359	519	572
17'- 0"	323	356	519	572
18'- 0"	320	353	519	572
19'- 0"	319	351	519	572
20'- 0"	315	347	519	572
21'- 0"	312	344	519	572
22'- 0"	309	341	519	572
23'- 0"	306	337	519	572
24'- 0"	303	334	519	572
25'- 0"	299	330	519	572
26'- 0"	296	326	513	565
27'- 0"	292	322	507	559
28'- 0"	289	318	500	551
29'- 0"	285	314	494	544
30'- 0"	280	309	486	536
31'- 0"	277	305	479	528
32'- 0"	272	300	472	520
33'- 0"	268	295	464	511
34'- 0"	263	290	456	502
35'- 0"	259	285	447	493

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FBI Insert: FBI Insert (Pipe24STD-42KSI)	Per Config	Per Config	Per Config	Per Config
FBI Pipe Stub: FBI-006 Pipe Stub Assembly	2	1616	3232	1466
End Cap: FEC-183 End Cap	2	2195	4390	1991
Top Shackle: 300mt WB Top Shackle	2	794	1588	720
Bottom Shackle: 300mt WB Bottom Shackle	2	794	1588	720
End Cap Length Deduction= 56"				
Total System Weight (Minus FBI Insert Weight)			10798	4898

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-24003A. R0

24" Spreader Bar – Config: 24003A - Continued

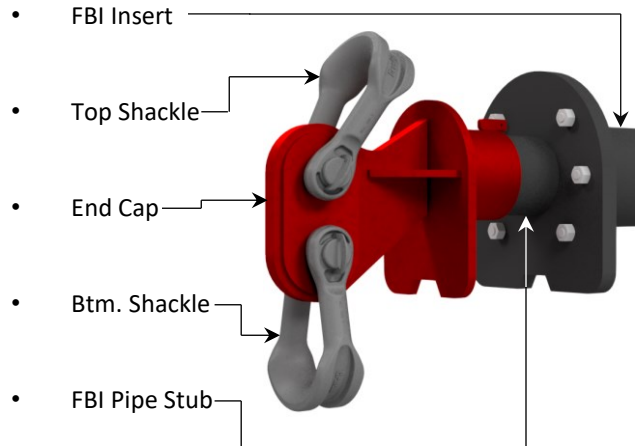
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
36'- 0"	253	279	439	484
37'- 0"	249	274	430	474
38'- 0"	243	268	422	465
39'- 0"	238	262	413	455
40'- 0"	232	256	403	444
41'- 0"	227	250	394	434
42'- 0"	221	244	384	423
43'- 0"	216	238	375	413
44'- 0"	211	232	365	402
45'- 0"	204	225	355	391
46'- 0"	199	219	345	380
47'- 0"	193	213	335	369
48'- 0"	188	207	325	358
49'- 0"	181	200	315	347
50'- 0"	176	194	306	337
51'- 0"	171	188	296	326
52'- 0"	165	182	286	315
53'- 0"	160	176	277	305
54'- 0"	154	170	267	294
55'- 0"	149	164	258	284
56'- 0"	143	158	249	274

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FBI Insert: FBI Insert (Pipe24STD-42KSI)	Per Config	Per Config	Per Config	Per Config
FBI Pipe Stub: FBI-006 Pipe Stub Assembly	2	1616	3232	1466
End Cap: FEC-183 End Cap	2	2195	4390	1991
Top Shackle: 300mt WB Top Shackle	2	794	1588	720
Bottom Shackle: 300mt WB Bottom Shackle	2	794	1588	720
End Cap Length Deduction= 56"				
Total System Weight (Minus FBI Insert Weight)			10798	4898

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-24004A. R0

24" Spreader Bar – Config: 24004A

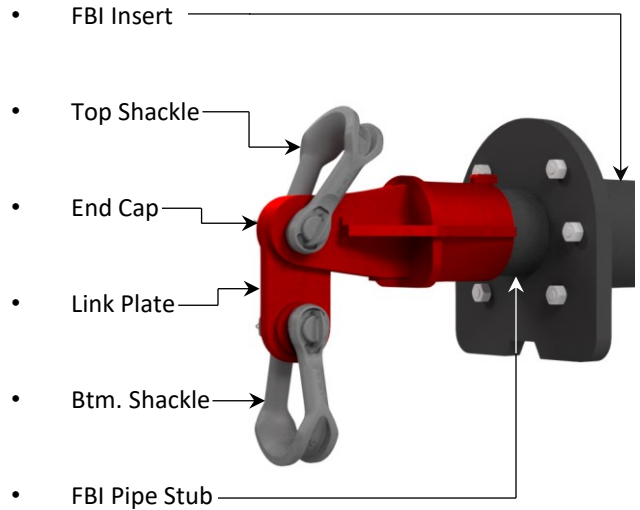
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
15'-0"	328	362	519	572
16'-0"	326	359	519	572
17'-0"	323	356	519	572
18'-0"	320	353	519	572
19'-0"	319	351	519	572
20'-0"	315	347	519	572
21'-0"	312	344	519	572
22'-0"	309	341	519	572
23'-0"	306	337	519	572
24'-0"	303	334	519	572
25'-0"	299	330	519	572
26'-0"	296	326	513	565
27'-0"	292	322	507	559
28'-0"	289	318	500	551
29'-0"	285	314	494	544
30'-0"	280	309	486	536
31'-0"	277	305	479	528
32'-0"	272	300	472	520
33'-0"	268	295	464	511
34'-0"	263	290	456	502
35'-0"	259	285	447	493

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FBI Insert: FBI Insert (Pipe24STD-42KSI)	Per Config	Per Config	Per Config	Per Config
FBI Pipe Stub: FBI-006 Pipe Stub Assembly	2	1616	3232	1466
End Cap: FEC-181 End Cap	2	918	1836	833
Top Shackle: 200mt WB Top Shackle	2	452	904	410
Bottom Shackle: 200mt WB Bottom Shackle	2	452	904	410
Link Plate: FLP-005 Link Plate	2	290	580	263
End Cap Length Deduction= 49"				
Total System Weight (Minus FBI Insert Weight)			7456	3382

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-24004A. R0

24" Spreader Bar – Config: 24004A - Continued

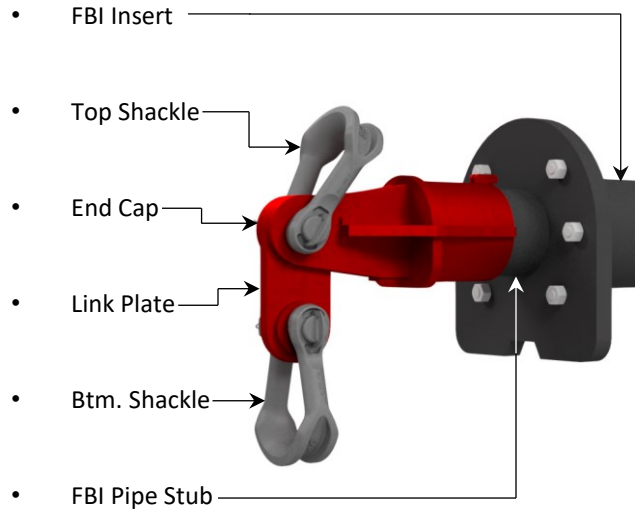
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
36'- 0"	253	279	346	381
37'- 0"	249	274	346	381
38'- 0"	243	268	346	381
39'- 0"	238	262	346	381
40'- 0"	232	256	346	381
41'- 0"	227	250	346	381
42'- 0"	221	244	346	381
43'- 0"	216	238	346	381
44'- 0"	211	232	346	381
45'- 0"	204	225	346	381
46'- 0"	199	219	345	380
47'- 0"	193	213	335	369
48'- 0"	188	207	325	358
49'- 0"	181	200	315	347
50'- 0"	176	194	306	337
51'- 0"	171	188	296	326
52'- 0"	165	182	286	315
53'- 0"	160	176	277	305
54'- 0"	154	170	267	294
55'- 0"	149	164	258	284
56'- 0"	143	158	249	274

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FBI Insert: FBI Insert (Pipe24STD-42KSI)	Per Config	Per Config	Per Config	Per Config
FBI Pipe Stub: FBI-006 Pipe Stub Assembly	2	1616	3232	1466
End Cap: FEC-181 End Cap	2	918	1836	833
Top Shackle: 200mt WB Top Shackle	2	452	904	410
Bottom Shackle: 200mt WB Bottom Shackle	2	452	904	410
Link Plate: FLP-005 Link Plate	2	290	580	263
End Cap Length Deduction= 49"				
Total System Weight (Minus FBI Insert Weight)			7456	3382

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-24004B. R0

24" Spreader Bar – Config: 24004B

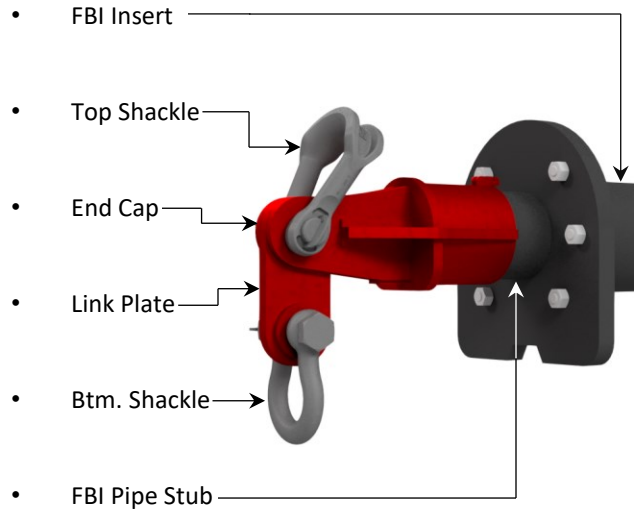
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
15'- 0"	240	264	240	264
16'- 0"	240	264	240	264
17'- 0"	240	264	240	264
18'- 0"	240	264	240	264
19'- 0"	240	264	240	264
20'- 0"	240	264	240	264
21'- 0"	240	264	240	264
22'- 0"	240	264	240	264
23'- 0"	240	264	240	264
24'- 0"	240	264	240	264
25'- 0"	240	264	240	264
26'- 0"	240	264	240	264
27'- 0"	240	264	240	264
28'- 0"	240	264	240	264
29'- 0"	240	264	240	264
30'- 0"	240	264	240	264
31'- 0"	240	264	240	264
32'- 0"	240	264	240	264
33'- 0"	240	264	240	264
34'- 0"	240	264	240	264
35'- 0"	240	264	240	264

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FBI Insert: FBI Insert (Pipe24STD-42KSI)	Per Config	Per Config	Per Config	Per Config
FBI Pipe Stub: FBI-006 Pipe Stub Assembly	2	1616	3232	1466
End Cap: FEC-181 End Cap	2	918	1836	833
Top Shackle: 200mt WB Top Shackle	2	452	904	410
Bottom Shackle: 120mt Bolt Bottom Shackle	2	243	486	220
Link Plate: FLP-005 Link Plate	2	290	580	263
End Cap Length Deduction= 49"				
Total System Weight (Minus FBI Insert Weight)			7038	3192

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-24004B. R0

24" Spreader Bar – Config: 24004B - Continued

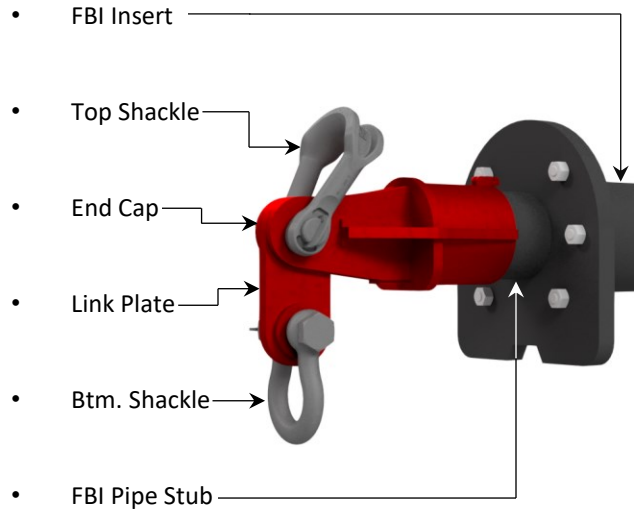
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
36'- 0"	240	264	240	264
37'- 0"	240	264	240	264
38'- 0"	240	264	240	264
39'- 0"	238	262	240	264
40'- 0"	232	256	240	264
41'- 0"	227	250	240	264
42'- 0"	221	244	240	264
43'- 0"	216	238	240	264
44'- 0"	211	232	240	264
45'- 0"	204	225	240	264
46'- 0"	199	219	240	264
47'- 0"	193	213	240	264
48'- 0"	188	207	240	264
49'- 0"	181	200	240	264
50'- 0"	176	194	240	264
51'- 0"	171	188	240	264
52'- 0"	165	182	240	264
53'- 0"	160	176	240	264
54'- 0"	154	170	240	264
55'- 0"	149	164	240	264
56'- 0"	143	158	240	264

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FBI Insert: FBI Insert (Pipe24STD-42KSI)	Per Config	Per Config	Per Config	Per Config
FBI Pipe Stub: FBI-006 Pipe Stub Assembly	2	1616	3232	1466
End Cap: FEC-181 End Cap	2	918	1836	833
Top Shackle: 200mt WB Top Shackle	2	452	904	410
Bottom Shackle: 120mt Bolt Bottom Shackle	2	243	486	220
Link Plate: FLP-005 Link Plate	2	290	580	263
End Cap Length Deduction= 49"				
Total System Weight (Minus FBI Insert Weight)			7038	3192

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-36001A. R0

36" Spreader Bar – Config: 36001A

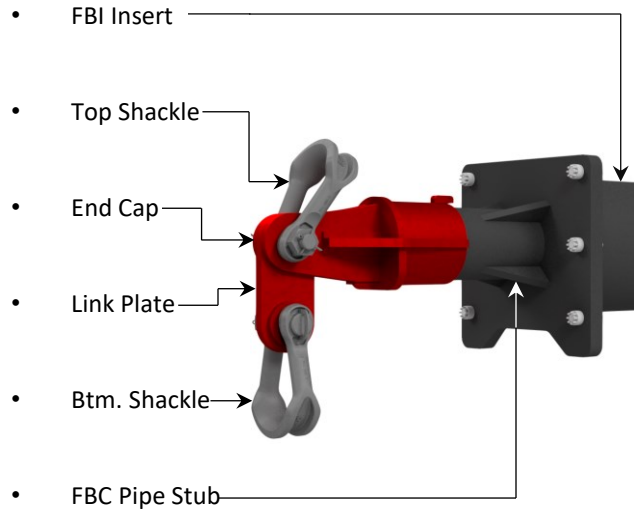
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
12'- 0"	282	311	346	381
14'- 0"	282	311	346	381
16'- 0"	282	311	346	381
18'- 0"	282	311	346	381
20'- 0"	282	311	346	381
22'- 0"	282	311	346	381
24'- 0"	282	311	346	381
26'- 0"	282	311	346	381
28'- 0"	282	311	346	381
30'- 0"	282	311	346	381
32'- 0"	282	311	346	381
34'- 0"	282	311	346	381
36'- 0"	282	311	346	381
38'- 0"	282	311	346	381
40'- 0"	282	311	346	381
42'- 0"	282	311	346	381
44'- 0"	282	311	346	381
46'- 0"	282	311	346	381
48'- 0"	282	311	346	381
50'- 0"	282	311	346	381
52'- 0"	282	311	346	381

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FBI Insert: FBI Insert (Pipe36XS-42KSI)	Per Config	Per Config	Per Config	Per Config
FBC Pipe Stub: FBC-360 Pipe Stub Assembly	2	2085	4170	1891
End Cap: FEC-181 End Cap	2	918	1836	833
Top Shackle: 200mt WB Top Shackle	2	452	904	410
Bottom Shackle: 200mt WB Bottom Shackle	2	452	904	410
Link Plate: FLP-005 Link Plate	2	290	580	263
End Cap Length Deduction= 49"				
Total System Weight (Minus FBI Insert Weight)			8394	3807

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

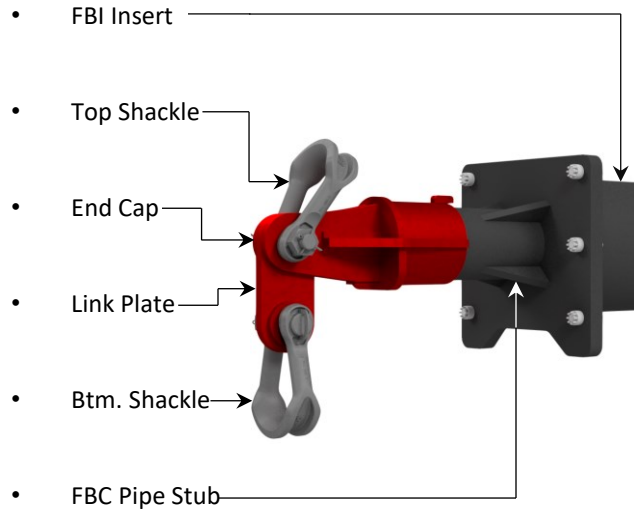
Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-36001A. R0

36" Spreader Bar – Config: 36001A - Continued

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
54'-0"	282	311	346	381
56'-0"	282	311	346	381
58'-0"	282	311	346	381
60'-0"	282	311	346	381
62'-0"	282	311	346	381
64'-0"	282	311	346	381
66'-0"	282	311	346	381
68'-0"	282	311	346	381
70'-0"	282	311	346	381
72'-0"	282	311	346	381
74'-0"	282	311	346	381
76'-0"	282	311	346	381
78'-0"	279	308	346	381
80'-0"	265	292	346	381
82'-0"	250	276	346	381
84'-0"	236	260	346	381
86'-0"	222	245	346	381
88'-0"	210	231	346	381
90'-0"	197	217	342	377
92'-0"	185	204	321	354
94'-0"	174	192	301	332
96'-0"	163	180	283	312
98'-0"	152	168	264	291
100'-0"	142	157	248	273
102'-0"	133	147	230	254
104'-0"	124	137	215	237
106'-0"	115	127	201	221
108'-0"	107	118	186	205
110'-0"	99	109	172	190
112'-0"	92	101	160	176
114'-0"	84	93	147	162
116'-0"	78	86	135	149
118'-0"	72	79	124	137
120'-0"	65	72	113	125

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-36001B. R0

36" Spreader Bar – Config: 36001B

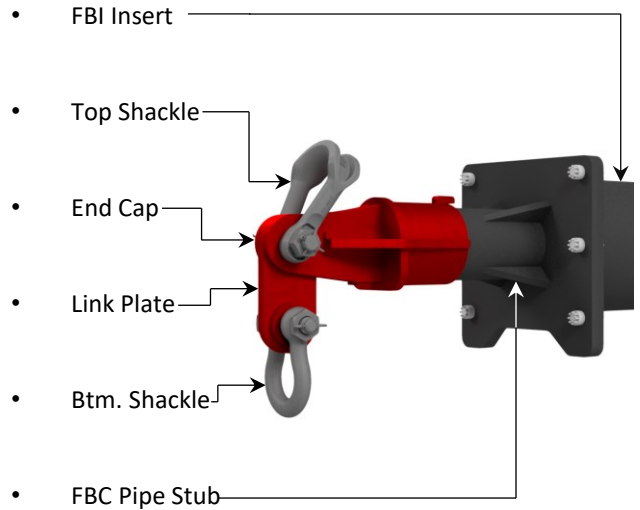
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
12'- 0"	240	264	240	264
14'- 0"	240	264	240	264
16'- 0"	240	264	240	264
18'- 0"	240	264	240	264
20'- 0"	240	264	240	264
22'- 0"	240	264	240	264
24'- 0"	240	264	240	264
26'- 0"	240	264	240	264
28'- 0"	240	264	240	264
30'- 0"	240	264	240	264
32'- 0"	240	264	240	264
34'- 0"	240	264	240	264
36'- 0"	240	264	240	264
38'- 0"	240	264	240	264
40'- 0"	240	264	240	264
42'- 0"	240	264	240	264
44'- 0"	240	264	240	264
46'- 0"	240	264	240	264
48'- 0"	240	264	240	264
50'- 0"	240	264	240	264
52'- 0"	240	264	240	264

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FBI Insert: FBI Insert (Pipe36XS-42KSI)	Per Config	Per Config	Per Config	Per Config
FBC Pipe Stub: FBC-360 Pipe Stub Assembly	2	2085	4170	1891
End Cap: FEC-181 End Cap	2	918	1836	833
Top Shackle: 200mt WB Top Shackle	2	452	904	410
Bottom Shackle: 120mt Bolt Bottom Shackle	2	265	530	240
Link Plate: FLP-005 Link Plate	2	290	580	263
End Cap Length Deduction= 49"				
Total System Weight (Minus FBI Insert Weight)			8020	3638

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

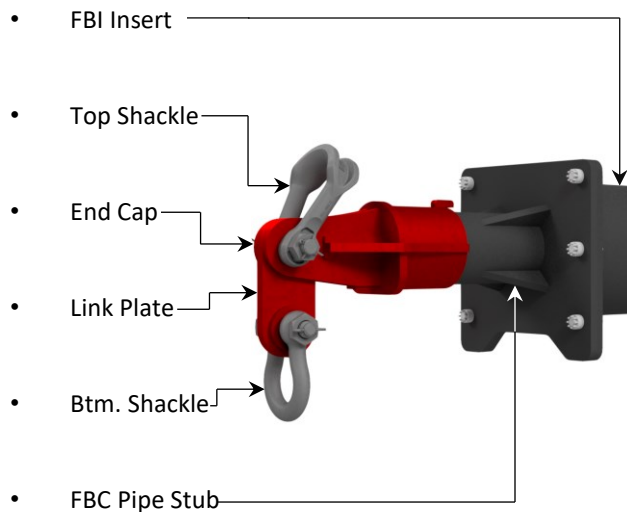
Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-36001B. R0

36" Spreader Bar – Config: 36001B - Continued

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
54'- 0"	240	264	240	264
56'- 0"	240	264	240	264
58'- 0"	240	264	240	264
60'- 0"	240	264	240	264
62'- 0"	240	264	240	264
64'- 0"	240	264	240	264
66'- 0"	240	264	240	264
68'- 0"	240	264	240	264
70'- 0"	240	264	240	264
72'- 0"	240	264	240	264
74'- 0"	240	264	240	264
76'- 0"	240	264	240	264
78'- 0"	240	264	240	264
80'- 0"	240	264	240	264
82'- 0"	240	264	240	264
84'- 0"	236	260	240	264
86'- 0"	223	246	240	264
88'- 0"	210	231	240	264
90'- 0"	197	217	240	264
92'- 0"	186	205	240	264
94'- 0"	174	192	240	264
96'- 0"	163	180	240	264
98'- 0"	152	168	240	264
100'- 0"	142	157	240	264
102'- 0"	133	147	230	254
104'- 0"	124	137	215	237
106'- 0"	115	127	201	221
108'- 0"	107	118	186	205
110'- 0"	99	109	172	190
112'- 0"	92	101	160	176
114'- 0"	84	93	147	162
116'- 0"	78	86	135	149
118'- 0"	72	79	124	137
120'- 0"	65	72	113	125

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-36002A. R0

36" Spreader Bar – Config: 36002A

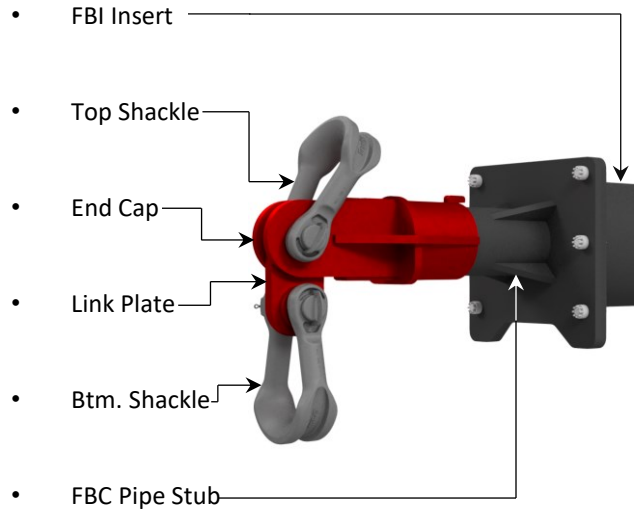
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
12'- 0"	424	467	519	572
14'- 0"	424	467	519	572
16'- 0"	424	467	519	572
18'- 0"	424	467	519	572
20'- 0"	424	467	519	572
22'- 0"	424	467	519	572
24'- 0"	424	467	519	572
26'- 0"	424	467	519	572
28'- 0"	424	467	519	572
30'- 0"	424	467	519	572
32'- 0"	424	467	519	572
34'- 0"	424	467	519	572
36'- 0"	424	467	519	572
38'- 0"	424	467	519	572
40'- 0"	424	467	519	572
42'- 0"	424	467	519	572
44'- 0"	424	467	519	572
46'- 0"	424	467	519	572
48'- 0"	424	467	519	572
50'- 0"	424	467	519	572
52'- 0"	424	467	519	572

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FBI Insert: FBI Insert (Pipe36XS-42KSI)	Per Config	Per Config	Per Config	Per Config
FBC Pipe Stub: FBC-360 Pipe Stub Assembly	2	2085	4170	1891
End Cap: FEC-182 End Cap	2	1340	2680	1216
Top Shackle: 300mt WB Top Shackle	2	794	1588	720
Bottom Shackle: 300mt WB Bottom Shackle	2	794	1588	720
Link Plate: FLP-003 Link Plate	2	311	622	282
End Cap Length Deduction= 56"				
Total System Weight (Minus FBI Insert Weight)			10648	4830

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

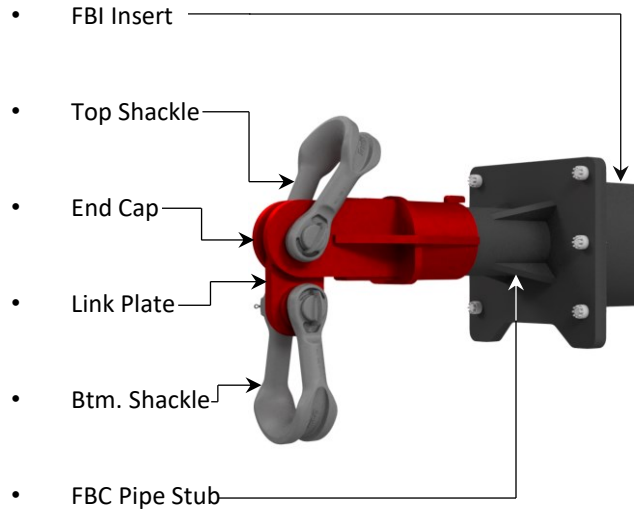
Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-36002A. R0

36" Spreader Bar – Config: 36002A - Continued

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
54'- 0"	424	467	519	572
56'- 0"	424	467	519	572
58'- 0"	424	467	519	572
60'- 0"	424	467	519	572
62'- 0"	410	452	519	572
64'- 0"	393	433	519	572
66'- 0"	377	415	519	572
68'- 0"	360	397	519	572
70'- 0"	343	378	519	572
72'- 0"	327	360	519	572
74'- 0"	310	342	519	572
76'- 0"	295	325	512	564
78'- 0"	279	308	485	534
80'- 0"	265	292	459	506
82'- 0"	250	276	434	478
84'- 0"	236	260	409	451
86'- 0"	223	246	387	426
88'- 0"	210	231	364	401
90'- 0"	197	217	342	377
92'- 0"	186	205	322	355
94'- 0"	174	192	301	332
96'- 0"	163	180	283	312
98'- 0"	152	168	265	292
100'- 0"	142	157	248	273
102'- 0"	133	147	230	254
104'- 0"	124	137	215	237
106'- 0"	115	127	201	221
108'- 0"	107	118	186	205
110'- 0"	99	109	172	190
112'- 0"	92	101	160	176
114'- 0"	84	93	147	162
116'- 0"	78	86	135	149
118'- 0"	72	79	124	137
120'- 0"	65	72	113	125

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-36003A. R0

36" Spreader Bar – Config: 36003A

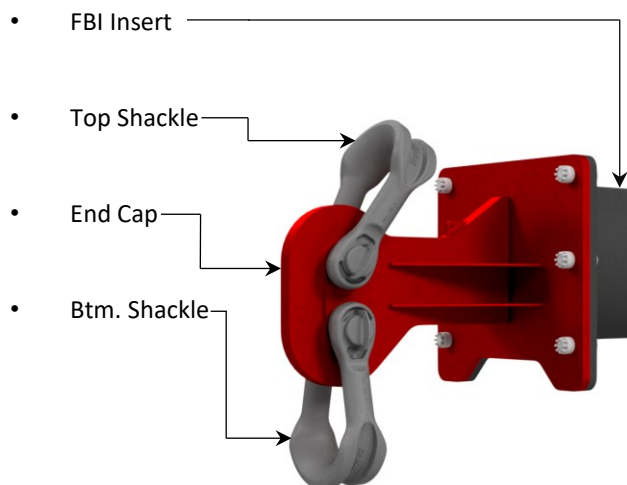
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
12'- 0"	424	467	519	572
14'- 0"	424	467	519	572
16'- 0"	424	467	519	572
18'- 0"	424	467	519	572
20'- 0"	424	467	519	572
22'- 0"	424	467	519	572
24'- 0"	424	467	519	572
26'- 0"	424	467	519	572
28'- 0"	424	467	519	572
30'- 0"	424	467	519	572
32'- 0"	424	467	519	572
34'- 0"	424	467	519	572
36'- 0"	424	467	519	572
38'- 0"	424	467	519	572
40'- 0"	424	467	519	572
42'- 0"	424	467	519	572
44'- 0"	424	467	519	572
46'- 0"	424	467	519	572
48'- 0"	424	467	519	572
50'- 0"	424	467	519	572
52'- 0"	424	467	519	572

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FBI Insert: FBI Insert (Pipe36XS-42KSI)	Per Config	Per Config	Per Config	Per Config
End Cap: FBC-362 End Cap	2	3038	6076	2756
Top Shackle: 300mt WB Top Shackle	2	794	1588	720
Bottom Shackle: 300mt WB Bottom Shackle	2	794	1588	720
Total System Weight (Minus FBI Insert Weight)			9252	4197

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

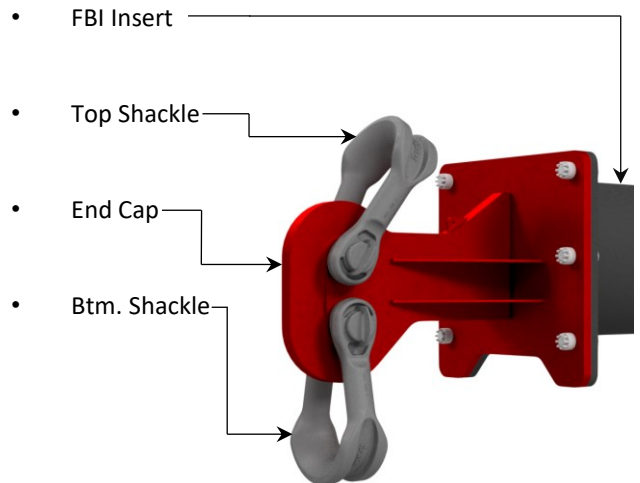
Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-36003A. R0

36" Spreader Bar – Config: 36003A - Continued

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
54'- 0"	424	467	519	572
56'- 0"	424	467	519	572
58'- 0"	424	467	519	572
60'- 0"	424	467	519	572
62'- 0"	410	452	519	572
64'- 0"	393	433	519	572
66'- 0"	377	415	519	572
68'- 0"	360	397	519	572
70'- 0"	343	378	519	572
72'- 0"	327	360	519	572
74'- 0"	310	342	519	572
76'- 0"	295	325	512	564
78'- 0"	279	308	485	534
80'- 0"	265	292	459	506
82'- 0"	250	276	434	478
84'- 0"	236	260	409	451
86'- 0"	223	246	387	426
88'- 0"	210	231	364	401
90'- 0"	197	217	342	377
92'- 0"	186	205	322	355
94'- 0"	174	192	301	332
96'- 0"	163	180	283	312
98'- 0"	152	168	265	292
100'- 0"	142	157	248	273
102'- 0"	133	147	230	254
104'- 0"	124	137	215	237
106'- 0"	115	127	201	221
108'- 0"	107	118	186	205
110'- 0"	99	109	172	190
112'- 0"	92	101	160	176
114'- 0"	84	93	147	162
116'- 0"	78	86	135	149
118'- 0"	72	79	124	137
120'- 0"	65	72	113	125

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-36004A. R0

36" Spreader Bar – Config: 36004A

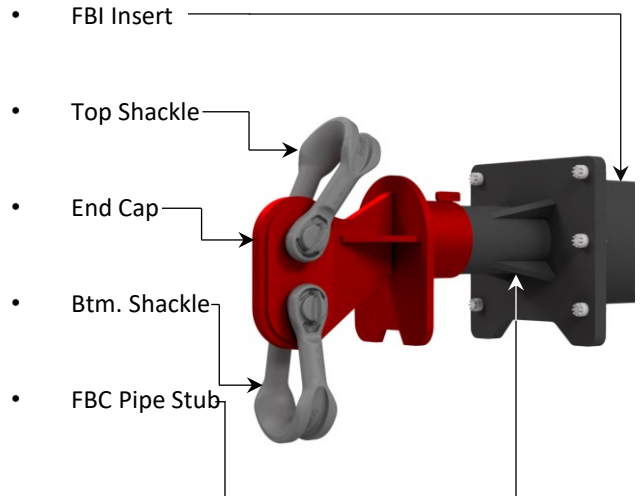
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
12'- 0"	424	467	519	572
14'- 0"	424	467	519	572
16'- 0"	424	467	519	572
18'- 0"	424	467	519	572
20'- 0"	424	467	519	572
22'- 0"	424	467	519	572
24'- 0"	424	467	519	572
26'- 0"	424	467	519	572
28'- 0"	424	467	519	572
30'- 0"	424	467	519	572
32'- 0"	424	467	519	572
34'- 0"	424	467	519	572
36'- 0"	424	467	519	572
38'- 0"	424	467	519	572
40'- 0"	424	467	519	572
42'- 0"	424	467	519	572
44'- 0"	424	467	519	572
46'- 0"	424	467	519	572
48'- 0"	424	467	519	572
50'- 0"	424	467	519	572
52'- 0"	424	467	519	572

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FBI Insert: FBI Insert (Pipe36XS-42KSI)	Per Config	Per Config	Per Config	Per Config
FBC Pipe Stub: FBC-360 Pipe Stub Assembly	2	2085	4170	1891
End Cap: FEC-183 End Cap	2	2195	4390	1991
Top Shackle: 300mt WB Top Shackle	2	794	1588	720
Bottom Shackle: 300mt WB Bottom Shackle	2	794	1588	720
End Cap Length Deduction= 56"				
Total System Weight (Minus FBI Insert Weight)			11736	5323

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

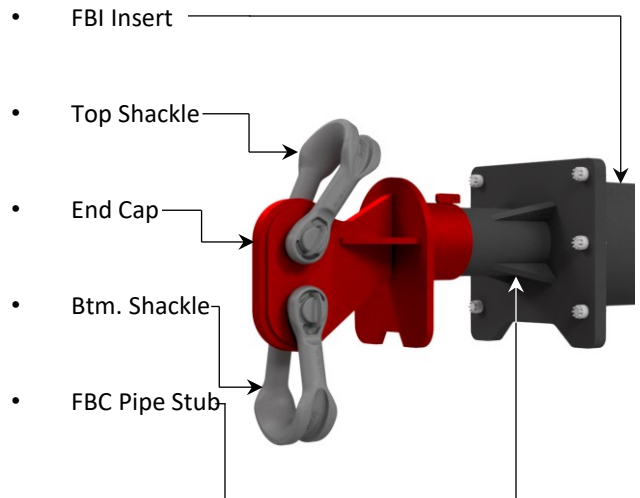
Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-36004A. R0

36" Spreader Bar – Config: 36004A - Continued

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
54'- 0"	424	467	519	572
56'- 0"	424	467	519	572
58'- 0"	424	467	519	572
60'- 0"	424	467	519	572
62'- 0"	410	452	519	572
64'- 0"	393	433	519	572
66'- 0"	377	415	519	572
68'- 0"	360	397	519	572
70'- 0"	343	378	519	572
72'- 0"	327	360	519	572
74'- 0"	310	342	519	572
76'- 0"	295	325	512	564
78'- 0"	279	308	485	534
80'- 0"	265	292	459	506
82'- 0"	250	276	434	478
84'- 0"	236	260	409	451
86'- 0"	223	246	387	426
88'- 0"	210	231	364	401
90'- 0"	197	217	342	377
92'- 0"	186	205	322	355
94'- 0"	174	192	301	332
96'- 0"	163	180	283	312
98'- 0"	152	168	265	292
100'- 0"	142	157	248	273
102'- 0"	133	147	230	254
104'- 0"	124	137	215	237
106'- 0"	115	127	201	221
108'- 0"	107	118	186	205
110'- 0"	99	109	172	190
112'- 0"	92	101	160	176
114'- 0"	84	93	147	162
116'- 0"	78	86	135	149
118'- 0"	72	79	124	137
120'- 0"	65	72	113	125

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-36005A. R0

36" Spreader Bar – Config: 36005A

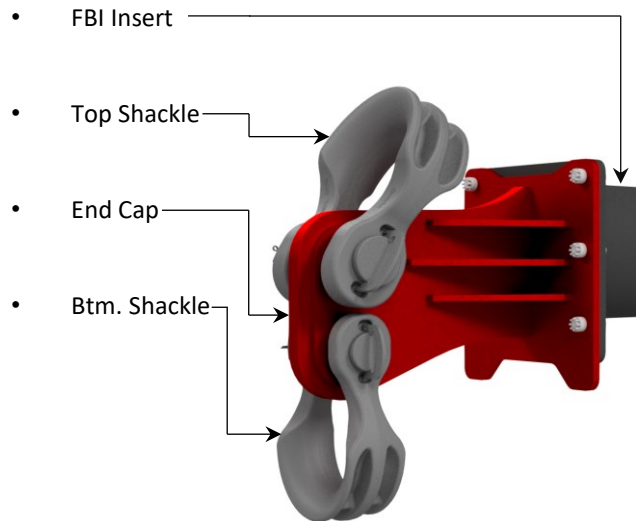
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
12'- 0"	685	755	1187	1308
14'- 0"	680	749	1178	1298
16'- 0"	674	743	1168	1287
18'- 0"	668	736	1158	1276
20'- 0"	662	729	1147	1264
22'- 0"	655	722	1135	1251
24'- 0"	648	714	1123	1237
26'- 0"	640	705	1109	1222
28'- 0"	632	696	1094	1206
30'- 0"	623	686	1079	1189
32'- 0"	613	676	1063	1171
34'- 0"	603	665	1046	1153
36'- 0"	593	654	1028	1133
38'- 0"	583	642	1009	1112
40'- 0"	571	629	989	1090
42'- 0"	559	616	968	1067
44'- 0"	546	602	946	1043
46'- 0"	534	588	924	1018
48'- 0"	519	572	900	992
50'- 0"	505	557	876	965
52'- 0"	490	540	849	936

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FBI Insert: FBI Insert (Pipe36XS-42KSI)	Per Config	Per Config	Per Config	Per Config
End Cap: FBC-363 End Cap	2	5449	10898	4943
Top Shackle: 800mt WB Top Shackle	2	3025	6050	2744
Bottom Shackle: 600mt WB Bottom Shackle	2	2116	4232	1919
Total System Weight (Minus FBI Insert Weight)			21180	9607

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

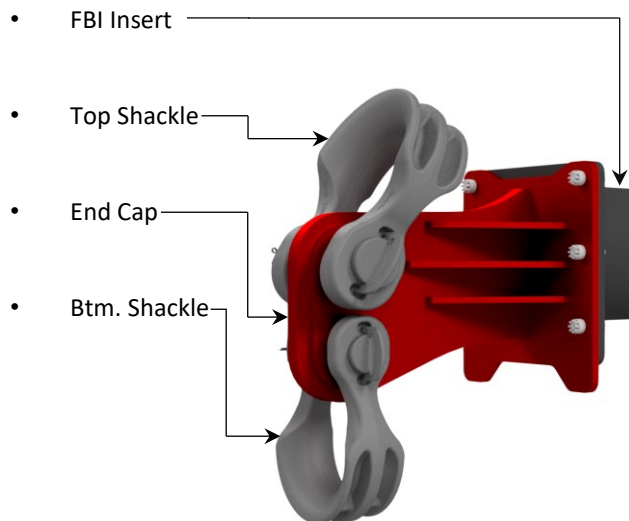
Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-36005A. R0

36" Spreader Bar – Config: 36005A - Continued

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
54'- 0"	475	523	823	907
56'- 0"	459	506	796	877
58'- 0"	443	488	768	846
60'- 0"	426	470	740	815
62'- 0"	410	452	711	783
64'- 0"	393	433	681	751
66'- 0"	377	415	652	719
68'- 0"	360	397	624	688
70'- 0"	343	378	594	655
72'- 0"	327	360	566	624
74'- 0"	310	342	539	594
76'- 0"	295	325	512	564
78'- 0"	279	308	485	534
80'- 0"	265	292	459	506
82'- 0"	250	276	434	478
84'- 0"	236	260	409	451
86'- 0"	223	246	387	426
88'- 0"	210	231	364	401
90'- 0"	197	217	342	377
92'- 0"	186	205	322	355
94'- 0"	174	192	301	332
96'- 0"	163	180	283	312
98'- 0"	152	168	265	292
100'- 0"	142	157	248	273
102'- 0"	133	147	230	254
104'- 0"	124	137	215	237
106'- 0"	115	127	201	221
108'- 0"	107	118	186	205
110'- 0"	99	109	172	190
112'- 0"	92	101	160	176
114'- 0"	84	93	147	162
116'- 0"	78	86	135	149
118'- 0"	72	79	124	137
120'- 0"	65	72	113	125

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-36005B. R0

36" Spreader Bar – Config: 36005B

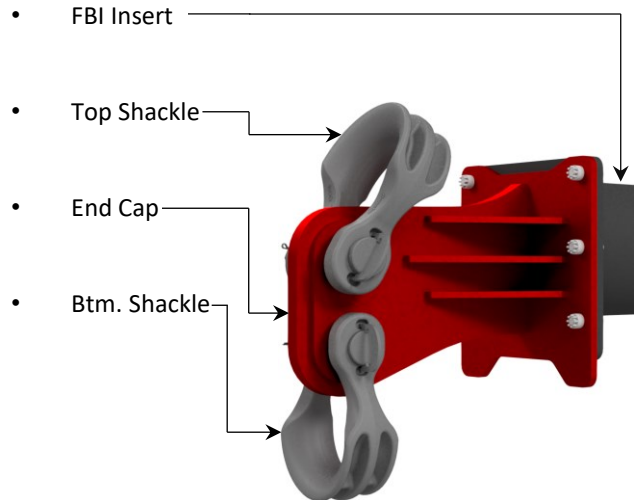
Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
12'-0"	685	755	1000	1102
14'-0"	680	749	1000	1102
16'-0"	674	743	1000	1102
18'-0"	668	736	1000	1102
20'-0"	662	729	1000	1102
22'-0"	655	722	1000	1102
24'-0"	648	714	1000	1102
26'-0"	640	705	1000	1102
28'-0"	632	696	1000	1102
30'-0"	623	686	1000	1102
32'-0"	613	676	1000	1102
34'-0"	603	665	1000	1102
36'-0"	593	654	1000	1102
38'-0"	583	642	1000	1102
40'-0"	572	630	990	1091
42'-0"	560	617	969	1068
44'-0"	546	602	946	1043
46'-0"	534	588	924	1018
48'-0"	519	572	900	992
50'-0"	505	557	876	965
52'-0"	490	540	849	936

Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components



Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FBI Insert: FBI Insert (Pipe36XS-42KSI)	Per Config	Per Config	Per Config	Per Config
End Cap: FBC-363 End Cap	2	5449	10898	4943
Top Shackle: 600mt WB Top Shackle	2	2116	4232	1919
Bottom Shackle: 500mt WB Bottom Shackle	2	1585	3170	1438
Total System Weight (Minus FBI Insert Weight)			18300	8301

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

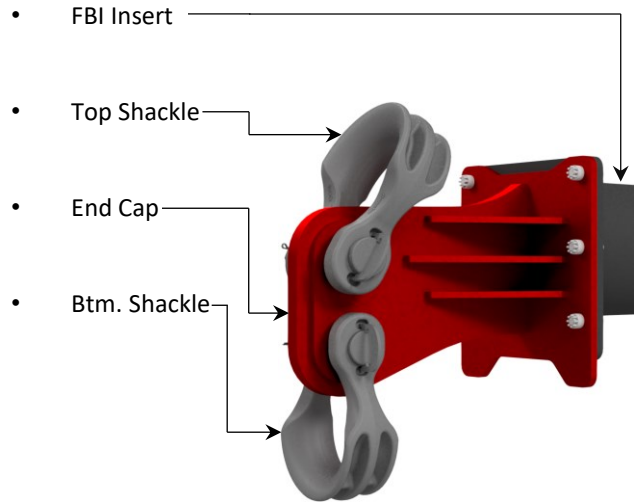
Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-36005B. R0

36" Spreader Bar – Config: 36005B - Continued

Capacity Chart

Top Sling Angle 45°			Sling Angle 60°	
Length	Mton	USTon	Mton	USTon
54'- 0"	475	523	823	907
56'- 0"	459	506	796	877
58'- 0"	443	488	768	846
60'- 0"	426	470	740	815
62'- 0"	410	452	711	783
64'- 0"	393	433	681	751
66'- 0"	377	415	652	719
68'- 0"	360	397	624	688
70'- 0"	343	378	594	655
72'- 0"	327	360	566	624
74'- 0"	310	342	539	594
76'- 0"	295	325	512	564
78'- 0"	279	308	485	534
80'- 0"	265	292	459	506
82'- 0"	250	276	434	478
84'- 0"	236	260	409	451
86'- 0"	223	246	387	426
88'- 0"	210	231	364	401
90'- 0"	197	217	342	377
92'- 0"	186	205	322	355
94'- 0"	174	192	301	332
96'- 0"	163	180	283	312
98'- 0"	152	168	265	292
100'- 0"	142	157	248	273
102'- 0"	133	147	230	254
104'- 0"	124	137	215	237
106'- 0"	115	127	201	221
108'- 0"	107	118	186	205
110'- 0"	99	109	172	190
112'- 0"	92	101	160	176
114'- 0"	84	93	147	162
116'- 0"	78	86	135	149
118'- 0"	72	79	124	137
120'- 0"	65	72	113	125

Components



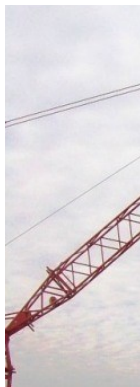
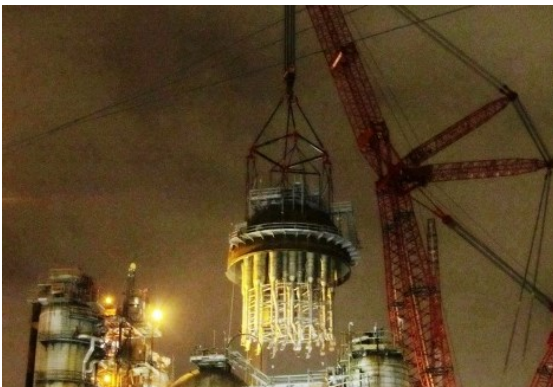
Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: Lifting Frames



LIFTING FRAMES

STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

ALLTEC LIFTING SYSTEMS LLC.
2510 Dickinson Avenue
Dickinson, Texas 77539

Telephone: + 281.534.3100
Telefax: + 281.534.3122
website: www.alltecliftingsystems.com

ALLTEC LIFTING SYSTEMS

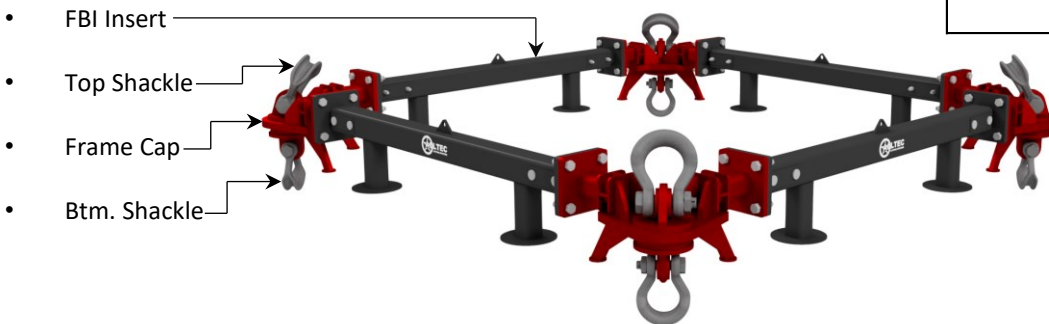
Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05004A. R0

5" Adjustable Frame – Config: 05004A

Capacity Chart

Top Sling Angle 45°																	
Length(ft) / Width (ft)		FAI-102					FAI-103				FAI-103 / 104			FAI-104			
		9'- 6"	10'- 6"	11'- 6"	12'- 6"	13'- 6"	14'- 6"	15'- 6"	16'- 6"	17'- 6"	18'- 6"	19'- 6"	20'- 6"	21'- 6"	22'- 6"	23'- 6"	24'- 6"
FAI-102	9'- 6"	124															
	10'- 6"	123	124														
	11'- 6"	101	106	110													
	12'- 6"	83	86	89	93												
	13'- 6"	67	70	72	75	78											
FAI-103	14'- 6"	54	56	58	60	62	64										
	15'- 6"	45	47	48	50	51	53	55									
	16'- 6"	38	39	40	41	43	44	45	47								
	17'- 6"	32	33	34	35	36	37	38	39	40							
FAI-103 / 104	18'- 6"	28	28	29	30	30	31	32	33	34	35						
	19'- 6"	24	24	25	25	26	27	27	28	29	30	30					
	20'- 6"	21	21	21	22	22	23	23	24	25	25	26	26				
FAI-104	21'- 6"	18	18	19	19	19	20	20	21	21	22	22	23	23			
	22'- 6"	16	16	16	16	17	17	17	18	18	19	19	20	20	20		
	23'- 6"	14	14	14	14	15	15	15	15	16	16	17	17	17	18	18	
	24'- 6"	12	12	12	13	13	13	13	13	14	14	14	15	15	15	16	16

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Insert: FAI Insert (HSS4x4x1/2-46KSI)	Per Config	Per Config	Per Config	Per Config
Frame Cap: FBC-044 Frame Cap	4	290	1160	526
Top Shackle: 40mt WB Top Shackle	4	46	184	83
Bottom Shackle: 30mt WB Bottom Shackle	4	29	116	53
Total System Weight (Minus FAI Insert Weight)			1460	662

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

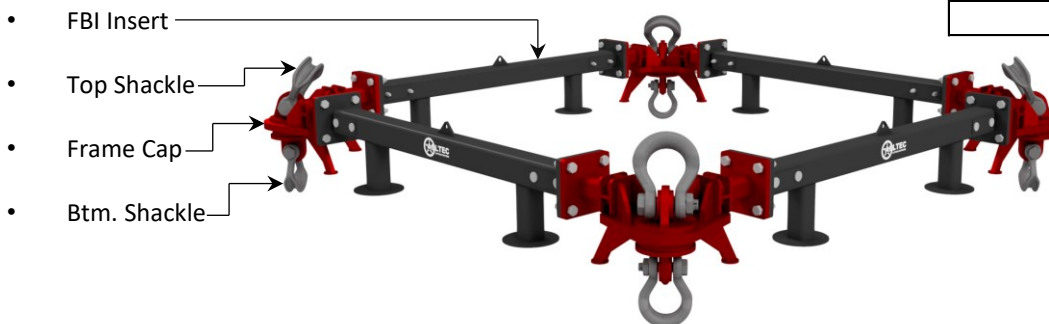
Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-05004A. R0

5" Adjustable Frame – Config: 05004A

Capacity Chart

Top Sling Angle 60°																	
Length(ft) / Width (ft)		FAI-102					FAI-103				FAI-103 / 104			FAI-104			
		9'- 6"	10'- 6"	11'- 6"	12'- 6"	13'- 6"	14'- 6"	15'- 6"	16'- 6"	17'- 6"	18'- 6"	19'- 6"	20'- 6"	21'- 6"	22'- 6"	23'- 6"	24'- 6"
FAI-102	9'- 6"	132															
	10'- 6"	132	132														
	11'- 6"	132	132	132													
	12'- 6"	132	132	132	132												
	13'- 6"	117	121	126	130	132											
FAI-103	14'- 6"	95	98	101	104	108	112										
	15'- 6"	79	81	84	86	89	92	95									
	16'- 6"	66	68	70	72	74	77	79	81								
	17'- 6"	56	58	59	61	63	64	66	68	70							
FAI-103 / 104	18'- 6"	48	49	51	52	53	55	56	58	59	61						
	19'- 6"	42	42	43	44	45	47	48	49	50	52	53					
	20'- 6"	36	37	37	38	39	40	41	42	43	44	45	46				
FAI-104	21'- 6"	31	32	32	33	34	35	35	36	37	38	39	40	41			
	22'- 6"	27	28	28	29	29	30	31	31	32	33	33	34	35	36		
	23'- 6"	24	24	25	25	26	26	27	27	28	28	29	30	30	31	32	
	24'- 6"	21	21	22	22	22	23	23	24	24	25	25	26	26	27	27	28

Components



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
FAI Insert: FAI Insert (HSS4x4x1/2-46KSI)	Per Config	Per Config	Per Config	Per Config
Frame Cap: FBC-044 Frame Cap	4	290	1160	526
Top Shackle: 40mt WB Top Shackle	4	46	184	83
Bottom Shackle: 30mt WB Bottom Shackle	4	29	116	53
Total System Weight (Minus FAI Insert Weight)			1460	662

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: EN-F4-06005A. R0

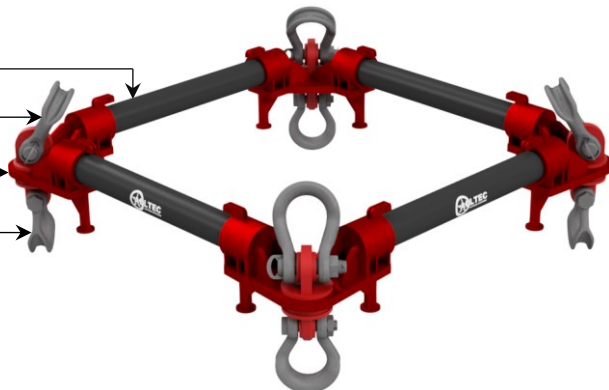
6" Frame – Config: 06005A

Capacity Chart

Length (ft)/Width (ft)		Top Sling Angle 45°											
	4'- 6"	6'- 6"	8'- 6"	10'- 6"	12'- 6"	14'- 6"	16'- 6"	18'- 6"	20'- 6"	22'- 6"	24'- 6"	26'- 6"	28'- 6"
4'- 6"	233												
6'- 6"	233	233											
8'- 6"	216	233	233										
10'- 6"	180	194	212	233									
12'- 6"	143	152	163	176	191								
14'- 6"	110	115	121	129	138	148							
16'- 6"	82	85	89	94	100	106	112						
18'- 6"	61	62	65	68	71	75	79	83					
20'- 6"	47	48	49	51	53	56	58	61	64				
22'- 6"	36	37	38	39	41	43	44	46	48	51			
24'- 6"	29	29	30	31	32	33	34	36	37	39	40		
26'- 6"	23	23	24	24	25	26	27	28	29	30	31	32	
28'- 6"	19	19	19	20	20	21	21	22	23	24	24	25	26
30'- 6"	15	15	16	16	16	17	17	18	18	19	19	20	21
32'- 6"	12	12	13	13	13	13	14	14	15	15	15	16	16
34'- 6"	10	10	10	10	11	11	11	11	12	12	12	13	13
36'- 6"	8	8	8	8	9	9	9	9	9	10	10	10	10
38'- 6"	7	7	7	7	7	7	7	7	8	8	8	8	8
40'- 6"	5	5	6	6	6	6	6	6	6	6	6	7	7

Components

- Pipe Insert
- Top Shackle
- Frame Cap
- Btm. Shackle



Limiting Factor:

	Top Shackle
	Bottom Shackle
	Insert Buckling

Components	Qty	Wt. (lb)	Total (lb)	Total (kg)
Pipe Insert: 6in Pipe Insert (Pipe6XS-52KSI)	Per Config	Per Config	Per Config	Per Config
Frame Cap: FFC-061 Frame Cap	4	290	1160	526
Top Shackle: 40mt WB Top Shackle	4	46	184	83
Bottom Shackle: 30mt WB Bottom Shackle	4	29	116	53
Total System Weight (Minus FAI Insert Weight)			1460	662

System shown shall be assembled per Alltec Lifting Systems drawings / recommendations. Alltec Lifting Systems terms and conditions apply.

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: Multi-Hole Lift Devices



MULTI-HOLE LIFT DEVICES

STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

ALLTEC LIFTING SYSTEMS LLC.
2510 Dickinson Avenue
Dickinson, Texas 77539

Telephone: + 281.534.3100
Telefax: + 281.534.3122
website: www.alltecliftingsystems.com

ALLTEC LIFTING SYSTEMS

Standard: ASME BTH-1, ASME B30.20
Document: Trunnion Lift Devices & Bales

Our engineers stand ready to assist with your demolition project. Alltec offers to execute engineered weight estimates along with verifications of existing lift attachments to determine if they are still adequate for lifting. If existing lift attachments are deemed not adequate, the Alltec Demo Trunnion Set may be the right solution for your project. Multiple trunnions in different sizes are available along with spacers and lifting bales fit different size columns. Alltec engineering group will assist to ensure each lift is engineered properly, by verifying shear and tension stresses.



LIFTING BALES

Alltec carries a variety of lifting bales in stock. Lifting bales are used in situations where sling fitment in trunnions presents an issue. Lifting bales are also used in combination with the Alltec Lifting Trunnions.



LIFTING TRUNNIONS

For safe easy insertion and removal of the demo trunnion. Alltec developed the Trunnion Stabber. To place the trunnion into a column, simply (1) attach the trunnion to the stabber and hook on to the stabber, (2) fly the trunnion and stabber up to the right elevation while the stabber keeps the trunnion level, (3) place the trunnion into the column while rigging remains attached to the stabber, (4) secure the trunnion set and detach the trunnion from the stabber. Based on required capacity, the stabber may be used as multi-hole spreader bar for lifting the Column.



TRUNNION LIFT DEVICES & BALES

STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025

ALLTEC LIFTING SYSTEMS

Standard: Per Manufacturer Guidelines
Document: Slings

THE RIGHT SLING...

- has adequate capacity in its applied configuration (not oversized, not undersized)
- meets the required safety factor
- meets the applicable industry codes, standards
- meets user/site heavy lift criteria
- has the right dimensions (accurate length and overall body diameter)
- is proof load tested, has a current inspection report, and in good condition
- material is suitable for the intended use (synthetic, steel, HMPE)

Alltec's rental fleet includes over 1000 slings, ready-for-use, and all meet or exceed the ASME Section B30.9 "Slings - Safety Standard for Cableways, Cranes, Derricks, Hoists, Hooks, Jacks, and Slings"

ALLTEC'S SLING SELECTION INCLUDES

- EIPS, EEIPS, and EEEIPS Eye & Eye Wire Rope Slings
- EIPS and EEEIPS 3-Part Wire Rope Slings
- EIPS 9-Part Wire Rope Slings
- EIPS and EEEIPS Single Part Grommets
- EIPS Double Part Grommets
- Endless Round Slings
- HMPE Slings
- Web Slings
- Bridles



"If you work in the heavy lift industry you know the importance of having the right sling selection for each lift."

SLINGS

STRENGTH THROUGH INGENUITY
EQUIPMENT CATALOG: 2025