



WEBSTER

Since 1876

Heavy Duty Bucket Elevator Chains

Durability and quality that you can depend on for your toughest applications



Made in the USA



History

Since 1876 Webster Industries, Inc has provided conveying solutions of all types to a broad range of markets with a variety of products and expertise. Towner K. Webster founded Webster with his "Common Sense" elevator bucket in Chicago, Illinois. In 1907 Webster relocated to Tiffin, Ohio where our corporate headquarters resides today. Over the past century Webster evolved from producing elevator buckets to being the world's leading manufacturer of engineered class chains, commercial castings and vibrating conveyors. Webster's reputation for high quality products comes from the same principles it was founded on – American materials, American labor and American pride.

Locations

Our Tiffin headquarters has over 300,000 square feet of manufacturing space and includes a malleable iron foundry, punch press operations, heat treat facility, machine shop, sheet metal fabrication department, chain assembly area, in-plant laboratory and testing facilities. Our two warehousing and assembly locations located in Meridian, Mississippi and Tualatin, Oregon allow for quick access to over \$7 million dollars of inventory throughout North America. Our three manufacturing facilities stock over 250,000 feet of chain to serve our customer requirements.

Hole Processing

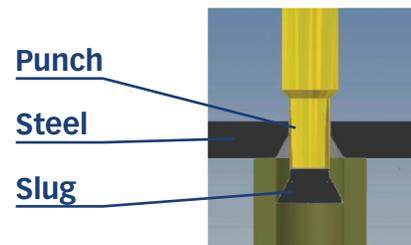
Webster Industries utilizes a wide variety of manufacturing processes in order to balance the level of quality to the application of the chain to the overall cost. In other words, we use the highest quality solution which drives value to our customers. Two such processes are utilized in manufacturing the pitch holes of our chains. One is burnishing and the other is perfect hole sizing.

Burnishing is a unique cold forming process used by Webster where a graduated mandrel (punch) is used to punch the sidebar pitch holes. First the punch pierces the sidebar material producing a heavy tapered slug. (Fig. 1) The mandrel rubs the metal surface of the pitch hole with sufficient force to cause plastic flowing of the metal. This rubbing or smearing (burnishing) action of the metal fills the break out or tapered portion of the hole that was caused in the initial piercing operation. (Fig. 2)

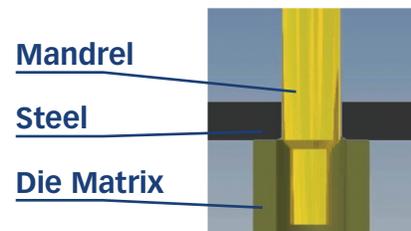
Webster's burnished holes achieve 85% to 90% bearing surface. Compared to single-punch holes, this is at least five times more surface for the pin to rest against. This results in a minimum of five times the material to resist deformation of the hole under heavy loads.

Perfect hole sizing is the process used to give 100% press fit throughout the entire hole. First we cut the sidebar to length, then sub-punch the pitch holes of the chain. After the sub-punch the sidebars are heat treated. Lastly we final machine the pitch holes. This perfect hole sizing results in the press fit or bearing surface of the sidebar at 100%. This insures the exact desired press fit between the bushing and/or pin and sidebar for the entire thickness of the sidebar. The perfect hole is critical to heavy-duty elevator application chain life.

Both processes result in a high quality, high tolerance, fatigue resistant, work hardened sidebar holes, which are all primary keys to extended chain life. The major advantages of burnished pitch holes and perfect holes are the amount of bearing surface, accuracy of hole size, and consistency of press fit.



(Fig. 1)



(Fig. 2)



Webster Industries, Inc. is proud to offer the Turbo Series heavy-duty elevator chains. This series is so reliable that we back up the chain with an exclusive FOUR YEAR performance guarantee specifically designed for the cement industry. Turbo Series and Sealed Joint chains are designed for severe duty applications.

Turbo Series

Webster's TS chains meet or exceed our competition in hardness and case depth measurements.

Full round pins and bushings have consistent press fits for the ultimate in fatigue strength.

Webster's special process yields perfect holes that insure maximum interference fits.

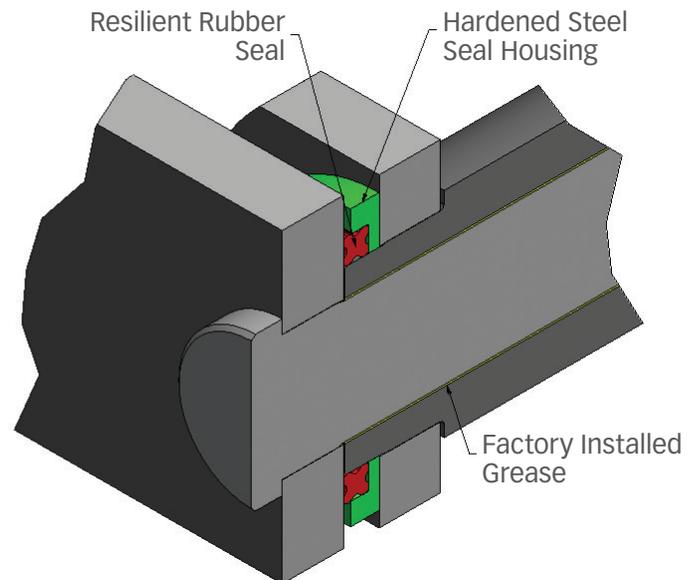
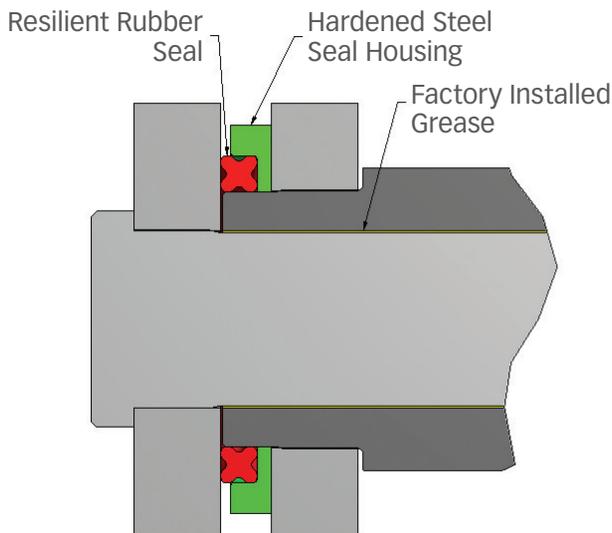
In-house controlled heat treat processes for balanced hardness to insure good core strength for toughness along with a high case depth for long wear properties.

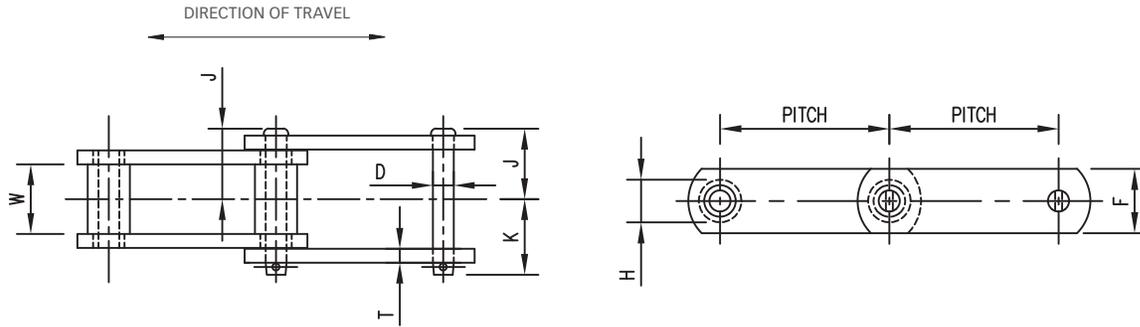
The TS chains are produced from certified sidebar quality USA manufactured materials using fine grain particles for insured steel reliability.

Sealed Joint

Sealed Joint chains are designed to protect the pin and bushing from harsh chemicals, dry erosion and overall corrosion. Webster's sealed joint design comprises a resilient Buna N Quad Seal housed in a hardened steel insert pressed over both ends of the bushings. This seal, positioned in between the inner and outer sidebars, acts as a barrier keeping conveyed material and foreign particles out of the pin/bushing interface. At the same time it also helps retain the factory installed grease between the pins and bushings thus enhancing chain performance and wear life.

Webster's standard Sealed Joint chains are rated up to 250°F. Webster also offers high temperature seals for applications 400°F and intermittent 500°F.





Chain No.	Average Pitch Inches	Approx. Links in 10 Feet	Average Weight Per Ft. Lbs.	Average Ultimate Strength in Lbs.	Rated Working Load in Lbs. ★	Sidebars		Width Between Sidebars	Overall Width		Pins Dia.	Bushings Outside Dia.	Common Attachment Numbers
						Thk. T	Height F		⌀ To Cotter End K	⌀ To Head or Rivet End J			
TS856	6.000	20	16.2	150,000	14,000	1/2	2 1/2	3	3	2 27/32	1	1 3/4	K2M, K3M, K24M, K35M
TS956	6.000	20	17.3	150,000	14,000	1/2	3 ▼▼▼	3	3	2 27/32	1	1 3/4	K2M, K3M, K24M, K35M
TS857	6.000	20	21.0	150,000	14,000	1/2	3 1/4 ▼▼	3	3	2 27/32	1	1 3/4	K2M, K44
TS859	6.000	20	34.0	250,000	21,875	5/8	4 ▼▼▼	3 3/4	3 25/32	3 15/32	1 1/4	2 5/8	K44
TS958	6.000	20	22.0	200,000	16,300	9/16	3 1/4 ▼▼	3	3 7/32	2 27/32	1 1/8	2	K44
TS864	7.000	17	32.0	250,000	21,875	5/8	4 ▼▼▼	3 3/4	3 25/32	3 15/32	1 1/4	2 5/8	K443
TS984	7.000	17	31.0	250,000	24,000	5/8	4 ▼	3 3/4	3 19/16	3 1/2	1 3/8	2 1/2	K443

- * TS859 / TS864 chains have shot peening on the sidebar
- * TS956 / TS958 / TS984 chains have shot peening and lightening holes on the sidebar
- * For Service Factors, see page A-12 in Webster Master Catalog #400.

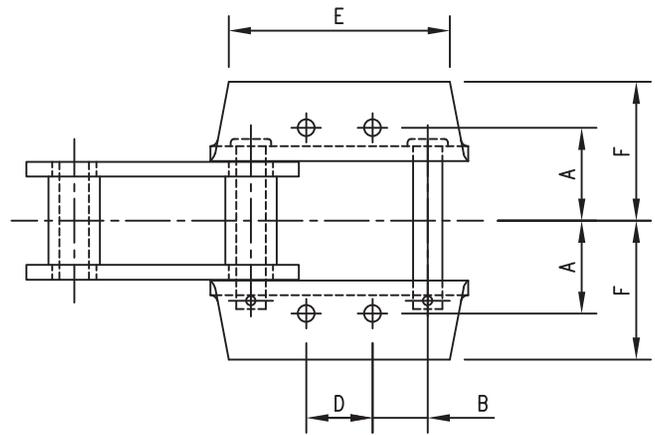
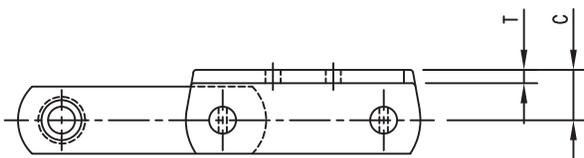
Turbo Series & Sealed Joint Attachments

K2M

Chain No.	A	B	C	D	E	F Max.	T	Weight Per Foot-Lbs.	Bolt Size
								△△	
TS856	3 3/32	1 7/8	1 7/8	2 1/4	7 1/2	4 3/4	1/2	22.0	1/2
TS857	3 13/16	1 5/8	2 1/2	2 3/4	7 1/4	4 5/8	1/2	21.5	5/8
TS956	3 3/32	1 7/8	1 7/8	2 1/4	7 1/2	4 3/4	1/2	23.1	1/2

K24M

TS856	3 5/8	1 3/4	1 7/8	2 1/2	7 1/2	4 3/4	1/2	22.0	5/8
TS956	3 5/8	1 3/4	1 7/8	2 1/2	7 1/2	4 3/4	1/2	23.1	5/8



K2M and K24M

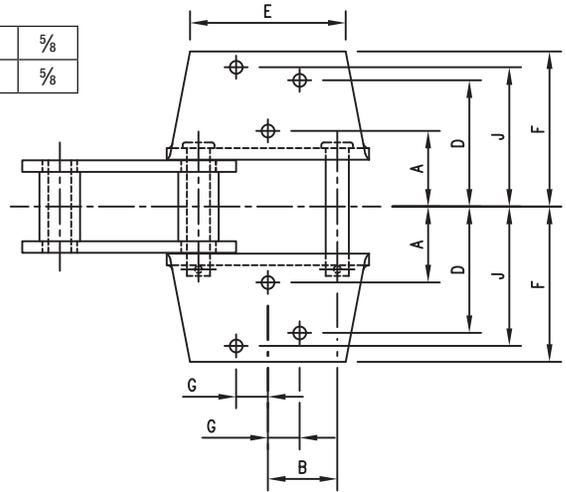
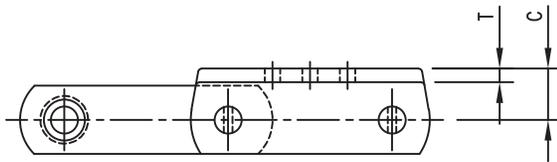


K3M+

Chain No.	A	B	C	D	E	F Max.	G	J	T	Weight Per Foot-Lbs.	Bolt Size
TS856	3 ³ / ₃₂	3	1 ¹ / ₈	5 ¹⁵ / ₃₂	6 ³ / ₄	6 ³ / ₄	1 ³ / ₈	6 ¹ / ₃₂	1 ¹ / ₂	26.5	1/2
TS956	3 ³ / ₃₂	3	1 ¹ / ₈	5 ¹⁵ / ₃₂	6 ³ / ₄	6 ³ / ₄	1 ³ / ₈	6 ¹ / ₃₂	1 ¹ / ₂	27.6	1/2

K35M+

TS856	3 ⁵ / ₈	3	1 ¹ / ₈	5 ⁷ / ₈	6 ³ / ₄	6 ³ / ₄	1 ¹ / ₄	5 ⁷ / ₈	1 ¹ / ₂	26.5	5/8
TS956	3 ⁵ / ₈	3	1 ¹ / ₈	5 ⁷ / ₈	6 ³ / ₄	6 ³ / ₄	1 ¹ / ₄	5 ⁷ / ₈	1 ¹ / ₂	27.6	5/8



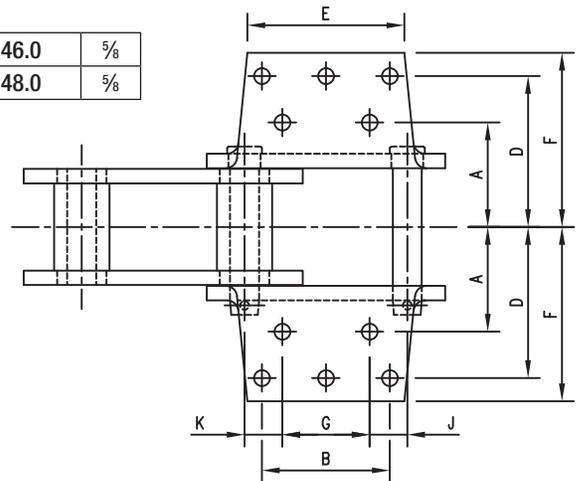
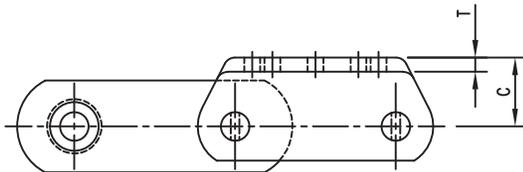
K3M and K35M

K44+ (8 Holes, no center hole in outside rows)

Chain No.	A	B	C	D	E	F Max.	G	J	K	T	Weight Per Foot-Lbs.	Bolt Size
TS857	3 ¹ / ₂	3 ¹ / ₂	2 ¹ / ₂	6	6 ¹ / ₂	7	3 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₂	32.0	1/2
TS859	4 ¹ / ₂	4 ¹ / ₂	3	6 ¹ / ₂	7 ¹ / ₄	7 ¹ / ₄	2 ³ / ₄	1 ⁵ / ₈	3 ³ / ₄	5 ⁵ / ₈	48.0	5/8
TS958	3 ¹ / ₂	3 ¹ / ₂	2 ¹ / ₂	6	6 ⁵ / ₈	7	3 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₂	32.0	1/2

K443+ (10 Holes)

TS864	4 ¹ / ₂	5 ¹ / ₂	3	6 ¹ / ₂	8 ¹ / ₄	7 ¹ / ₄	3 ³ / ₄	1 ⁵ / ₈	3 ³ / ₄	5 ⁵ / ₈	46.0	5/8
TS984	4 ¹ / ₂	5 ¹ / ₂	3	6 ¹ / ₂	8 ¹ / ₄	7 ¹ / ₄	3 ³ / ₄	1 ⁵ / ₈	3 ³ / ₄	5 ⁵ / ₈	48.0	5/8



K44 and K443



Steel Bushed Roller Chains

Steel bushed roller (SBR) chains are used for elevator applications. They are commonly called super capacity or high load chains. They are the appropriate selection for long life and heavy-duty service where difficult operating conditions prevail. They are normally used for dual strand bucket elevators.



Material

Sidebars are made from medium carbon steel.

Pins are alloy steel, thru hardened and induction hardened. This provides maximum toughness, excellent wear resistance, and a flexible inner core to deliver the ultimate chain life.

Sidebars can be furnished with additional heat treatment on request.

Bushings are case hardened to provide maximum wear resistance and chain life.

Assembly

SBR chains for elevators are normally furnished in cotted construction.

Interchangeability

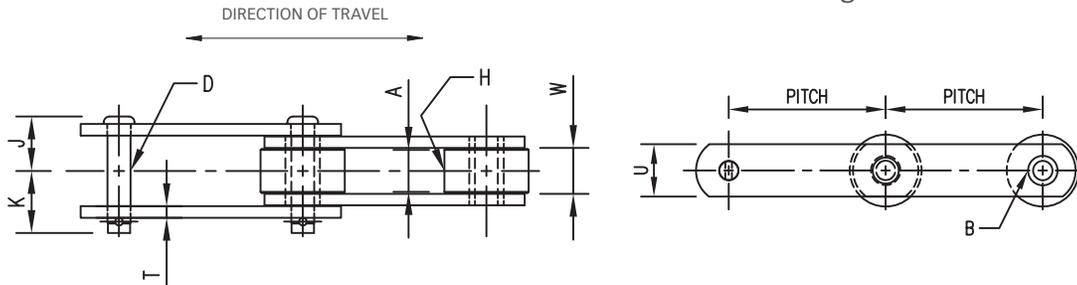
SBR chains are interchangeable with other standard makes of corresponding sizes and numbers.

Application

SBR chains are used in bucket elevator applications where difficult operating conditions prevail. The roller provides a lower operating friction which helps increase chain life, decreases rated working load requirements, and reduces conveyor design requirements.

Operation

Best suited for slow or moderate speed applications. Maximum chain speed depends upon size of sprockets. For Conveyor Service see Table 2, Section A, Webster Master Catalog #400.



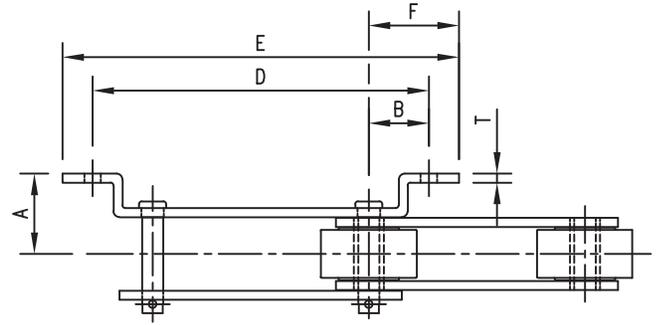
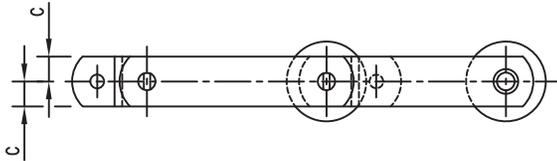
Chain No.	Average Pitch Inches	Approx. Links In 10 Ft.	Average Weight Per Ft. Lbs.	Average Ultimate Strength Lbs.	Rated Working Load Lbs. ★	Sidebars			Overall Width		Pins Dia.	Bushings Outside Dia.	Rollers		Common Attachment Numbers
						Thk.	Height	Width Between Sidebars	℄ To Cotter End	℄ To Head or Rivet End			Tread Dia.	Tread Width	
									T	U					
S4009	9.000	13 $\frac{3}{8}$	14.7	81,200	9,200	$\frac{3}{8}$	2 $\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{15}{32}$	2 $\frac{3}{16}$	$\frac{7}{8}$	1 $\frac{1}{4}$	3	2 $\frac{1}{16}$	G5
S4004	9.000	13 $\frac{3}{8}$	18.5	85,000	12,700	$\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{5}{8}$	2 $\frac{27}{32}$	2 $\frac{21}{32}$	1	1 $\frac{1}{2}$	3	2 $\frac{1}{16}$	G5, G6
S4065	9.000	13 $\frac{3}{8}$	38.0	150,000	18,900	$\frac{5}{8}$	3 $\frac{1}{2}$	3 $\frac{1}{16}$	3 $\frac{7}{16}$	3 $\frac{3}{8}$	1 $\frac{1}{4}$	2	4 $\frac{1}{4}$	2 $\frac{15}{16}$	G5, G6
S4037	9.000	13 $\frac{3}{8}$	48.0	253,000	27,000	$\frac{5}{8}$	4	3 $\frac{1}{4}$	3 $\frac{17}{32}$	3 $\frac{7}{32}$	1 $\frac{1}{2}$	2 $\frac{3}{8}$	4 $\frac{1}{2}$	3 $\frac{3}{8}$	G6
S4251	12.000	10	12.0	90,000	9,000	$\frac{1}{2}$	2	1 $\frac{15}{16}$	2 $\frac{1}{2}$	2 $\frac{1}{4}$	$\frac{7}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{4}$	11 $\frac{3}{16}$	G117/118

★ See Speed Factor Table 11 and Service Factor Table A-12 in Webster Master Catalog #400.



G5 → →

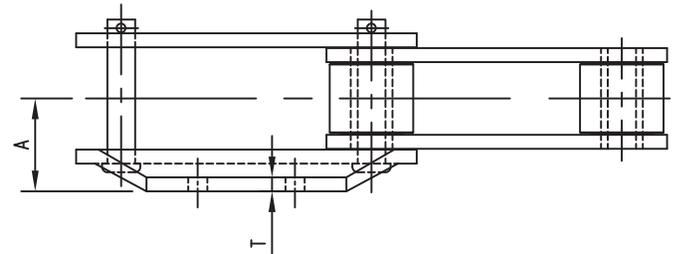
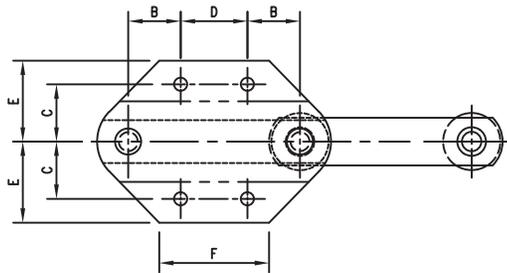
Chain No.	A	B	C	D	E	F	T	Weight Per Foot-Lbs.	Bolt Size
								ΔΔ	
S4009	3 ¹¹ / ₃₂	2 ¹ / ₂	1 ¹ / ₄	14	16 ¹ / ₂	3 ³ / ₄	3 ⁵ / ₈	15.3	5 ⁸ / ₁₆
S4004	3 ¹¹ / ₃₂	2 ¹ / ₂	1 ¹ / ₄	14	16 ¹ / ₂	3 ³ / ₄	1 ¹ / ₂	19.7	5 ⁸ / ₁₆
S4065	3 ¹⁵ / ₁₆	2 ¹ / ₂	1 ³ / ₄	14	16 ¹ / ₂	3 ³ / ₄	5 ⁸ / ₁₆	40.0	5 ⁸ / ₁₆



G5

G6 → →

Chain No.	A	B	C	D	E	F	T	Weight Per Foot-Lbs.	Bolt Size
								ΔΔ	
S4004	3 ¹¹ / ₃₂	2 ³ / ₄	3	3 ¹ / ₂	4 ¹ / ₄	5 ³ / ₄	1 ¹ / ₂	24.2	5 ⁸ / ₁₆
S4065	3 ¹⁵ / ₁₆	2 ³ / ₄	3	3 ¹ / ₂	4 ¹ / ₄	7	5 ⁸ / ₁₆	44.7	5 ⁸ / ₁₆
S4037	3 ²⁹ / ₃₂	1 ¹ / ₂	3	6	4 ¹ / ₄	7	5 ⁸ / ₁₆	54.2	3 ⁴ / ₈



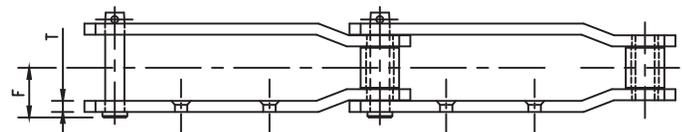
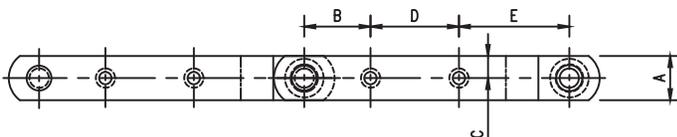
G6

G117

Chain No.	A	B	C	D	E	F	T	Weight Per Foot-Lbs.	Bolt Size
								ΔΔ	
S1251	2	3	1	4	5	2	1 ¹ / ₂	12.0	1 ¹ / ₂
S4251	2	3	1	4	5	2	1 ¹ / ₂	12.0	1 ¹ / ₂

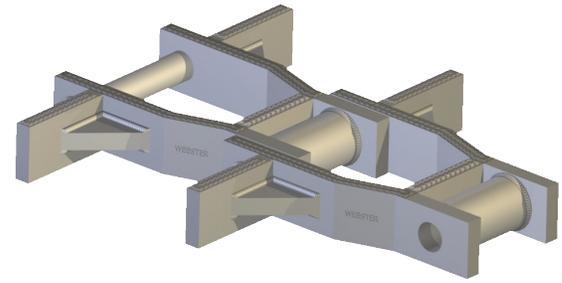
G118

S4251	2	3	1	4	5	2	1 ¹ / ₂	12.0	3 ⁴ / ₈
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G117 and G118

WHX Drag Chains



Welded steel drag chains are designed for applications where severe abrasion and/or high temperatures exist. The sliding surfaces are hardface welded for additional wear resistance. Sidebars and wings are made from square edge bar for better scraping action and increased conveying capacity.

Material

Sidebars and barrels are medium carbon heat treated steel.

Pins are alloy steel, thru hardened and induction hardened. This provides maximum toughness, excellent wear resistance, and a flexible inner core to deliver ultimate chain life.

Assembly

Welded steel drag chains are normally furnished in cottedter construction.

Interchangeability

Welded steel drag chains are interchangeable with other standard makes of corresponding sizes and numbers.

Application

Welded steel drag chains are typically used in the cement industry in the cold or hot drag conveyors. However, they are more

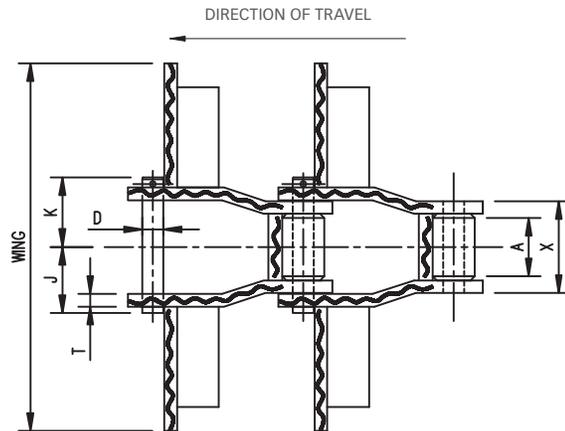
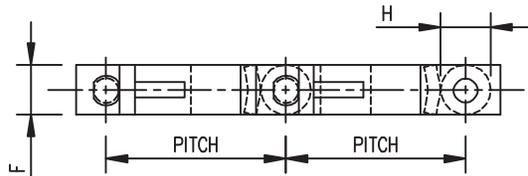
than suitable for other applications where extreme abrasion and heat resistance are required. They provide long life with very low maintenance.

Operation

Maximum chain speed depends upon size of sprockets. For Conveyor Service see Table 2, Section A, Webster Master Catalog #400.

Abbreviations of Material and Treatment

M.C.H.T. Medium Carbon, Heat Treated
 ALY.I.H. Alloy Steel, Induction Hardened



Chain No.	Average Pitch Inches	Approx. Links in 10 Feet	Average Weight Per Ft. Lbs. Plain Chain	Average Ultimate Strength in Lbs. ★	Rated Working Load in Lbs.	General Dimensions		
						Length of Bearing	℄ To Cotter End	℄ To Head or Rivet End
						X	K	J
WHX5157HF	6.050	20	28.5	117,000	18,200	4 ⁵ / ₈	3 ⁵ / ₈	3 ³ / ₈
WHX6067HF	9.000	13 ² / ₃	28.0	195,000	24,000	5 ¹ / ₂	4 ³ / ₁₆	3 ¹⁵ / ₁₆
WHX6121HF	9.000	13 ² / ₃	37.0	205,000	27,600	6 ⁵ / ₁₆	4 ³ / ₃₂	4 ²³ / ₃₂
WHX5121HF	9.000	13 ² / ₃	37.0	205,000	27,600	6 ⁵ / ₁₆	4 ³ / ₃₂	4 ²³ / ₃₂

Chain No.	Pins			Sidebars			Barrels		Max. Spkt. Width A	Common Attachment Numbers
	Dia. D	Style	Material	Thk. T	Height F	Material	Outside Dia.	Material		
							H			
WHX5157HF	1 ¹ / ₈	F	ALY.I.H.	5	2 ¹ / ₂	M.C.H.T.	2 ¹ / ₂	M.C.H.T.	2 ¹ / ₂	WING
WHX6067HF	1 ¹ / ₄	F	ALY.I.H.	3	2 ¹ / ₂	M.C.H.T.	2 ¹ / ₂	M.C.H.T.	3 ¹ / ₄	WING
WHX6121HF	1 ¹ / ₄	F	ALY.I.H.	1 ¹ / ₈	2 ¹ / ₂	M.C.H.T.	2 ¹ / ₂	M.C.H.T.	3 ¹ / ₄	WING
WHX5121HF	1 ¹ / ₄	F	ALY.I.H.	1 ¹ / ₈	2 ¹ / ₂	M.C.H.T.	2 ¹ / ₂	M.C.H.T.	3 ¹ / ₄	WING

WHX5121HF runs closed end forward. Attachments available up to 30" overall width

* For Service Factors, see page A-12 in Webster Master Catalog #400.



Apron conveyors are engineered to handle a variety of materials ranging from hot and abrasive to dry and fine. Pans are designed to absorb the impact of large lumps, repeated loading and inclined conveying with minimum spillage or breakage, cleaner discharge and more durable continuous service. In addition to the designs shown in this catalog, Webster aprons are available with modifications to these standard designs, in total custom designs and as replacements for aprons from other manufacturers.

Material

Sidebar and pins can be furnished with additional heat treatment on request.

Pins are thru hardened alloy steel for even more wear resistance.

Bushings are furnished in case hardened steel to provide maximum wear resistance and chain life.

Rollers are commonly furnished in WEBLOY and provide a grease reservoir and lubrication fittings when internal greasing is required.

Pans are mild steel. Sidebars are medium carbon steel.

Assembly

Apron conveyor chains are normally furnished in cottered construction.

Interchangeability

Apron conveyor chains are interchangeable with other standard makes of corresponding sizes and numbers.

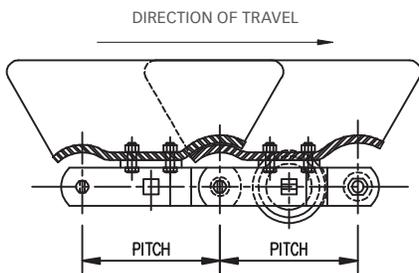
Application

Aprons are used in conveyors and feeders where the most difficult operating conditions prevail. The rollers provide lower operating friction which helps to increase chain life and reduce conveyor design requirements.

Operation

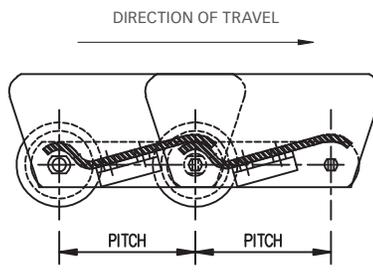
Apron conveyors are best suited for slow or moderate speed applications. For Conveyor Service see Table 2, Section A, Webster Master Catalog #400.

Apron Conveyor Pans



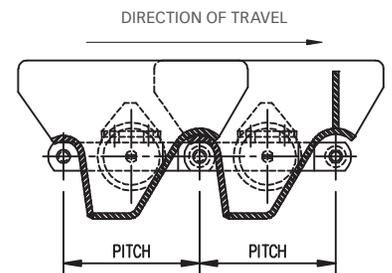
Style A

The double beaded leakproof pans are recommended for fine or hot materials. The design of the pan holds fine or dry materials until they are discharged. Because the chains are mounted underneath with independent outboard rollers, hot materials can be easily handled.



Style B

The single beaded pans are a natural for inclined conveyors. The shape of the pan allows for cleaner discharge at the head end and minimizes breakage of fragile materials.



Style C

The deep leakproof pan allows fine or hot materials to be carried at steeper inclines and higher capacities.

Additional apron pan styles are available, please refer to the Webster Master Catalog or contact customer service



Fabricated Steel Elevator Buckets

Webster's modern manufacturing methods and technical expertise insure quality, repetition, and speed of production for fabricated steel buckets to the application required.

Steel elevator buckets are laser cut from plates and robotically welded in our fabrication department to insure quality manufacturing and a precise match with the mating chain attachment.

Steel elevator buckets are available in a variety of materials with numerous options such as hardface welding or wear lips to resist abrasion. Steel elevator buckets are available for nearly any application.

Style ACS steel elevator buckets are designed for high capacity when handling free-flowing fine materials. Welded steel buckets feature a wraparound design with much of the load in dual compartments. The recessed back, for chain mounting, provides additional strength and durability.

Style AC steel elevator buckets are designed primarily for handling cement and other free-flowing materials in centrifugal discharge elevators operating at higher than normal speeds. These buckets are welded construction and made of heavy gauge steel.

Super Capacity Style steel elevator buckets are designed to handle greater capacities and larger lumps than ordinary continuous style buckets. These buckets are mounted between two strands of chain with the back of the buckets extending beyond the chain centerline. This results in greater carrying capacity. These buckets are made in two styles: Vertical Regular and Vertical Overlapping.

Continuous Style steel elevator buckets are used for handling gritty or bulky materials such as sand, stone, gravel, coal and ore at slow speeds or light, pulverized, free-flowing fine materials which will not discharge properly at higher speeds. The flanged front forms a chute for the clean discharge from each succeeding bucket.

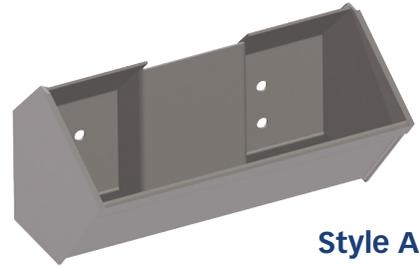
Cast Iron Buckets

Modern methods, technical experience, research and careful laboratory control of metals insure quality, repetition, and speed of production for malleable iron buckets which resist abrasive wear, rust and corrosion. They are furnished in both malleable iron and Duramel for better wear.

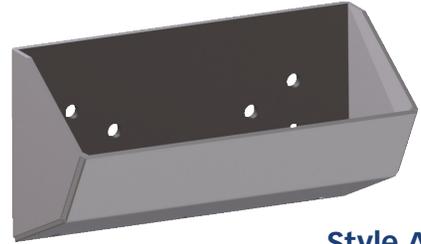
Style AC cast elevator buckets provide fast, thorough discharge of cement, lime, and other dry or free-flowing fine materials. Vent holes in the bottom of each bucket release air trapped in filling and allow material to empty from bucket quickly and completely on discharge.

Style AA cast elevator buckets are used for handling heavy abrasive products. These buckets feature a heavy reinforcing band that is cast along the front edge and corners to prevent distortion, and increased wear for digging.

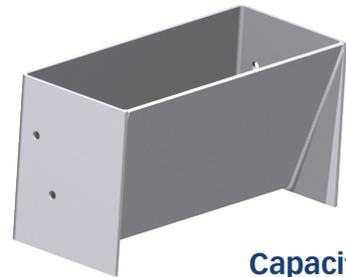
Other styles of cast and fabricated steel elevator buckets are available.



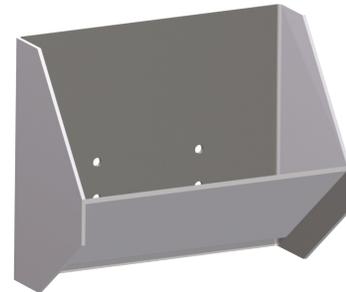
Style ACS



Style AC



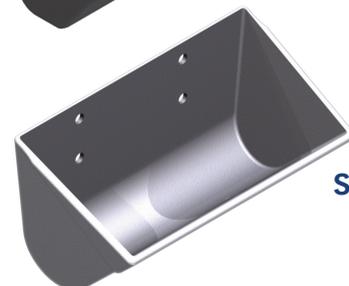
Super Capacity Style



Continuous Style



Style AC

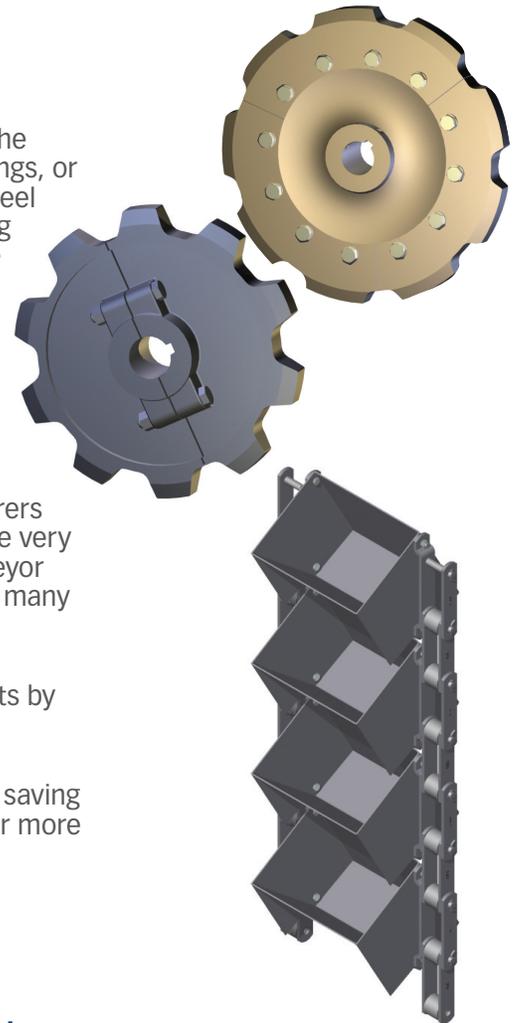


Style AA



Sprockets and Traction Wheels

Segmental sprockets and traction wheels are available from Webster Industries with removable segments of teeth or rims. This allows for the ease of installation or replacement without disturbing the shaft, bearings, or other sprockets. The benefit of the segmental sprocket or traction wheel allows extra space for the new installation of segments without having to split or remove the chain. This will save the plant considerable time and money. Webster offers sprockets and traction wheels with heat treatments ranging from flame cut, flame hardened to induction hardened to handle your toughest application.



Value Added Services

Webster Industries offers replacement Original Equipment Manufacturers chains. Webster can evaluate, engineer, design and manufacture those very expensive and long lead-time OEM chains. These can be special conveyor applications, apron conveyors, pan conveyors, reclaimer systems and many other specialty applications.

Webster can assemble elevator chains in 20 feet lengths. This will cut down on installation time and the amount of field assembly chain joints by reducing field connects by 50%.

Webster also offers complete bucket and chain assemblies in 10 foot sections. This will dramatically cut down on your man power costs by saving you time during the installation of your elevator chain and buckets. For more information contact your Webster customer service representative.

Definitions of Symbols

Symbol	Definition	Reference
▼▼	Outer sidebars 2½", inner sidebars 3¼". Can be furnished with both inside and outside sidebars of 3¼"	TS857, TS958
▼▼▼	Outer sidebars 2½", inner sidebars 3". Can be furnished with both inside and outside sidebars of 3"	TS956
▼	Outside sidebars 2¾", Inside sidebars 4", Can be furnished with both inside sidebars and outside sidebars of 4"	TS984
▼▼▼	Outside sidebars 3", Inside sidebars 4". Can be furnished with inside sidebars and outside sidebars of 4"	TS859, TS864

Symbol	Definition	Reference
»»	Attachments will be located on the outer links if the attachment spacing is for an even number of pitches. Offset links must be used if attachment spacing is odd number of pitches.	K2M, K24M, K3M, K35M, K44, K443
→→	Attachments which are on one side of the chain only will be on the pinhead side unless otherwise specified. Normally furnished right-hand and left hand.	G5, G6
△△	Weights of attachments coupled every other pitch. Cannot be coupled consecutively.	G5, G6, K2M, K24M
+	Attachments on outer sidebars only. Offset links must be used if attachment spacing is odd number of pitches.	K3M, K35M, K44, K443



MARKETS



Cement



Fertilizer



Lime



Potash



Coal



Aggregate



Grain



Webster Industries, Inc.