





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 Industries with his "Common Sense" elevator bucket in Chicago, Illinois. In 1907 Webster relocated to Tiffin, Ohio where our corporate headquarters reside today. Over the past century Webster has evolved from producing elevator buckets to being the world's leading manufacturer of engineered class chains, commercial castings and vibrating conveyors.

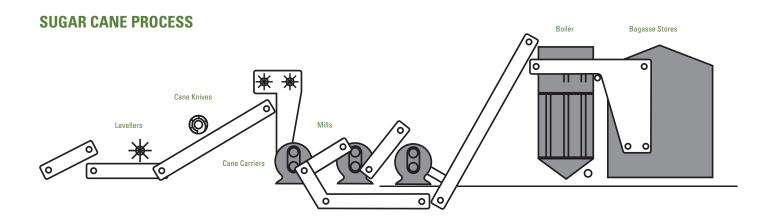
LOCATIONS

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.

VERTICAL INTEGRATION

Vertical Integration Manufacturing system—While most other companies rely increasingly on outsourcing to produce its products, Webster Industries continues to invest heavily in our vertical integration. To Webster, vertical integration guarantees superior product design, consistent product quality, and the best deliveries in the industry. All aspects of your chain are made under one roof in Tiffin, Ohio. Webster's reputation for high quality products comes from the same principles it was founded on American materials, American labor and American pride.





American Materials, Labor, and Pride.

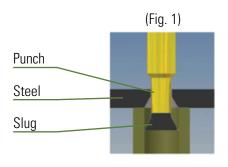


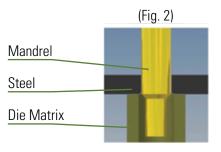
WEBSTER'S EXCLUSIVE BURNISHED PITCH HOLE ADVANTAGE

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).

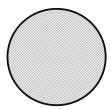
Webster's burnished holes achieve 85% to 90% bearing surface. Compared to single-punch holes, this is at least five times more surface for the pin to rest against. This results in a minimum of five times the material to resist deformation of the hole under heavy loads.





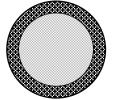
WEBSTER'S INDUCTION HARDENING PROCESS

Induction hardening is a non-contact heating process which utilizes the principle of electromagnetic induction to produce heat inside the surface layer of a work-piece. By placing a conductive material (pin) into a strong alternating magnetic field (coil), electrical current can be made to flow in the material thereby creating heat. The current generated flows predominantly in the surface layer of the part. The depth of hardened layer is determined by the frequency of the alternating field, the surface density and permeability of the material, the heat time and the pin diameter or material thickness. By immersing the part in a water, oil or polymer based quench the surface layer is altered to form a martensitic structure which is harder than the base metal. The core of the material remains the same and its original properties are unaffected after induction hardening process is complete.



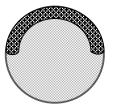
WEBSTER THRU-HARDENED PINS

Webster's Pins are made of Duralloy®. thru-hardened to 35/40 Rc where the diameter is less than ¾".



CIRCUMFERENTIAL INDUCTION HARDENING

The load bearing surface of the thruhardened pin is induction hardened to 55/60 Rc to the appropriate depth, usually 10% of the body diameter, 360° around the body of the pin. The induction hardened areas do extend into the press fit areas of the pin to maintain the integrity of the pin and guard against failure due to pin shear. This also puts the I.H. stop and start areas under compression which eliminates potential cracking.



WEBSTER COMPETITORS SELECTIVE INDUCTION HARDENING

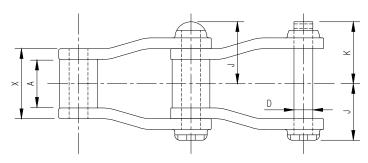
Only the area where expected wear occurs is hardened. Pin must be oriented properly during assembly to receive the benefit of the induction hardened surface. The start and stop area of this induction hardening zone can promote cracking and ultimately chain failure.

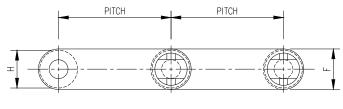


Cast Chains

Cast chains are manufactured using cast links and heat treated steel pins. They are designed with slightly larger clearances that allow material to easily work its way out of the chain joint. Cast chains are used in a variety of

applications such as sewage treatment, water filtration, fertilizer handling, sugar processing and waste wood conveying. They are readily available from stock with standard attachments.

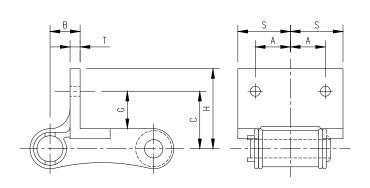




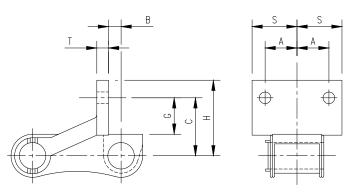
CHAIN DIMENSIONS

				Aver	age	Rat	ed						Overa	ll Width
		Approx.	Average	Ultim	nate	Wor	king			Max.			€ to	િ to
	Average	Links	Weight	Strer	igth	Load	d in	Barrel	Sidebar	Spkt.		Barrel	Cotter	Head or
Chain	Pitch	in	Per Ft.	in L	bs.	Lb	s. 🖈	Length	Height	Width	Pin Dia.	Dia.	End	Rivet End
No.	Inches	10 Feet	Lbs.	Malleable	Duramal	Malleable	Duramal	Х	F	Α	D	H	K	J
477	2.308	52	2.0	9,600	12,000	1,365	1,640	1 1/4	1	11/16	7/16	¹³ / ₁₆	1 %	1 5/32
488	2.609	46	2.9	11,000	13,750	1,775	2,130	1 1/8	¹⁵ / ₁₆	¹⁵ / ₁₆	7/16	7/8	1 1/16	1 ⁵ / ₁₆
4103	3.075	39	5.7	22,000	27,500	3,515	4,218	1 1//8	1½	11/8	3/4	1¼	1 27/32	125/32

F2 ATTACHMENT



F29 ATTACHMENT



F2

Chain								Weight Per Ft. Lbs.	Bolt
No.	Α	В	С	G	Н	S	T	Δ	Size
477	7∕8	3/4	1 1/16	15/16	2	1 15/16	1/4	3.7	5/16
488	1	11//8	1 ¹³ / ₃₂	¹⁵ / ₁₆	2 1/32	1 ½	1/4	4.5	5/16

F29

Chain No.	A	В	r	G	Н	v	т	Weight Per Ft. Lbs.	Bolt Size
IVO.	Α .	ט	L C	U	- 11	3	1		SIZE
4103	1 1/64	7∕16	2 1/64	1 17/64	2 1/8	19/16	13/32	9.6	3/8

★ See page A-12 for Service Factor, Table 9, and page A-13 for Speed Factor, Tables 10 and 11 in Webster master #400 catalog.

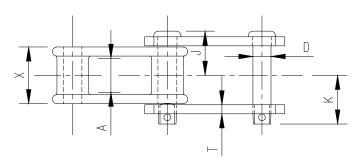
△ Weights of attachments coupled every pitch.

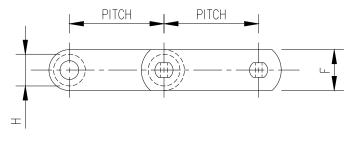


Combination Chains

Combination chains are manufactured using hardened cast links, steel sidebars and heat treated steel pins. Combination chains alternate steel sidebars and cast links making them ideal for handling stone, gravel, coal and

other abrasive materials. They are commonly used in light to medium-duty bucket elevator applications. Combination chains come with a variety of standard attachments for immediate delivery.

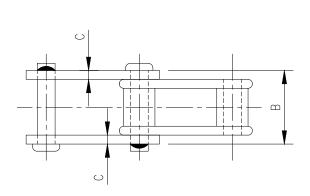


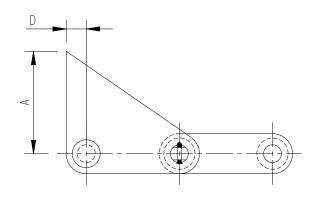


CHAIN DIMENSIONS

				Average	Rated	Side	ebars		Overal	l Width	Pins	Barrels	
		Approx.	Average	Ultimate	Working				€ to	₽ to			Max.
	Average	Links	Weight	Strength	Load in			Barrel	Cotter	Head or		Nominal	Spkt.
Chain	Pitch	in	Per Ft.	in Lbs.	Lbs.☆	Thk.	Height	Length	End	Rivet End	Dia.	Dia.	Width
No.	Inches	10 Feet	Lbs.	Duramal	Duramal	Т	F	Х	K	J	D	H	Α
N102B	4.000	30	6.7	30,000	5,000	3/8	1 ½	2 1/8	2 3/16	2 1/16	5/8	1	1 15/16
N111	4.760	25	9.7	45,000	7,500	3/8	1 ¾	3 %	2 19/32	2 11/32	3/4	1 1/16	2 3/8
N132	6.050	20	14.4	62,500	10,400	1/2	2	4 3/8	3 1/32	3 1/32	1	1 ¾	3 1/8

S1 ATTACHMENT





S1

Chain					Weight Per Ft. Lbs.
No.	Α	В	С	D	$\Delta \Delta$
N102B	3 ¾	3 11/16	3/8	13/16	9.4
N111	4 3/8	4 3/16	3/8	7/8	10.5
N132	5	5 1/16	1/2	11//8	15.9

🔀 See page A-12 for Service Factor, Table 9, and page A-13 for Speed Factor, Tables 10 and 11 in Webster master #400 catalog.

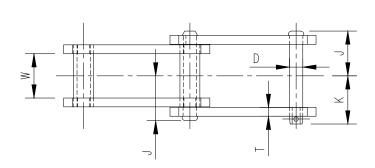
△ △ Weights of attachments coupled every other pitch.

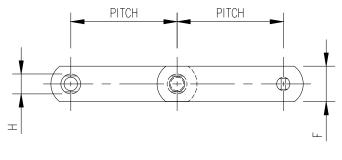


Hardened Steel Bushed Chains (HSB)

Hardened steel bushed (HSB) chains are manufactured using hardened bushings, heat treated sidebars and heat treated pins. HSB chains are available as a more rugged alternative to combination chains. All steel construction gives them higher load ratings as well as longer life.

HSB chains are well suited for medium to heavy-duty applications such as cement, gypsum, coal and other abrasive materials. They are readily available from stock with standard attachments.

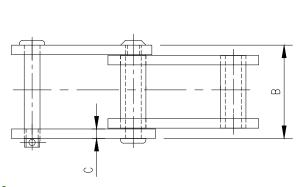


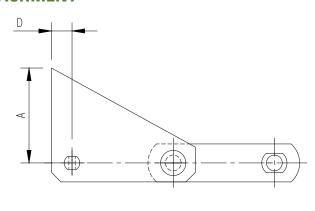


CHAIN DIMENSIONS

							Sideba	rs		Overa	ll Width		Pins	Bu	shings
		Approx.	Average	Average	Rated					⊕ to	♀ to				
	Average	1 :: .	Weight	Ultimate	Working				Inside	Cotter	Head or			Outside	
Chain	Pitch	in	Per Ft.	Strength	Load in	Thk.	Height		Sidebars	End	Rivet End	Dia.		Dia.	
No.	Inches	10 Feet	Lbs.	in Lbs.	Lbs.☆	Т	F	Material	W	K	J	D	Material	Н	Material
HSB102B	4.000	30	6.9	40,000	6,290	3/8	1½	M.C.H.T.	2 1/8	2 3/16	2 1/16	5/8	ALY. H.T.	1	L.C.C.H.
HSB111	4.760	25	10.2	50,000	8,850	3/8	2	M.C.H.T.	2 %	2 19/32	2 11/32	3/4	ALY. I.H.	1 1/16	L.C.C.H.

S1 ATTACHMENT





S1

Chain					Weight Per Ft. Lbs.
No.	Α	В	С	D	$\Delta \Delta$
HSB102B	3 ¾	3 11/16	3/8	¹³ / ₁₆	9.8
HSB111	4 3/8	4 3/16	3/8	7/8	13.3

ABBREVIATIONS OF MATERIAL AND TREATMENT

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

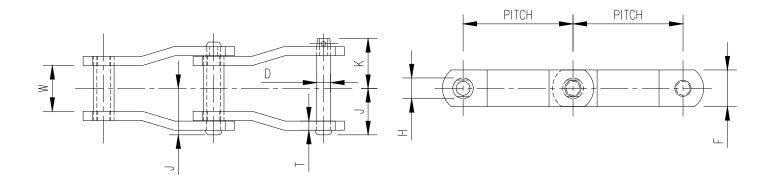
★ See page A-12 for Service Factor, Table 9, and page A-13 for Speed Factor, Tables 10 and 11 in Webster master #400 catalog.

△ △ Weights of attachments coupled every other pitch.



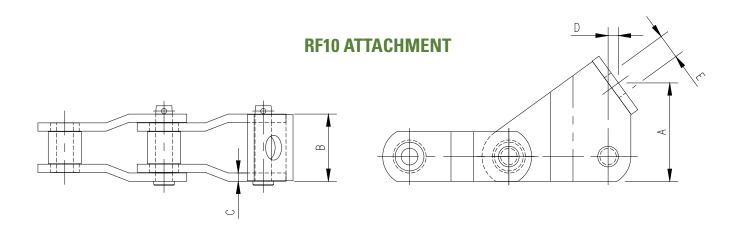


Hardened Steel Bushed Chains (HSB)



CHAIN DIMENSIONS

								Sideba	rs		Overa	II Width		Pins	Bu	shings
			Approx.	Average	Average	Rated					⊕ to	િ to				
		Average	Links	Weight	Ultimate	Working				Inside	Cotter	Head or			Outside	
	Chain	Pitch	in	Per Ft.	Strength	Load in	Thk.	Height		Sidebars	End	Rivet End	Dia.		Dia.	
	No.	Inches	10 Feet	Lbs.	in Lbs.	Lbs.☆	Т	F	Material	W	K	J	D	Material	Н	Material
Π	HSB5002	6.000	20	19.0	129,200	10,480	1/2	3	M.C.H.T.	2	2 17/32	2 %32	1	ALY. H.T.	2	ALY. C.H.



RF10

Chain						Weight Per Ft. Lbs.
No.	Α	В	С	D	Е	Δ
HSB5002	5 15/16	4 1/16	1/2	5/8	1½	34.1

ARRESIATIONS	UF IVIA	I EKIAL AND	IKEAIIVIENI

ALY.H.TAlloy Steel, Heat Treated
A137111 A11 O. 1.1.1
ALY.I.HAlloy Steel, Induction Hardened
L.C.C.HLow Carbon, Case Hardened
ALY.C.HAlloy Steel, Case Hardened

[★] See page A-12 for Service Factor, Table 9, and page A-13 for Speed Factor, Tables 10 and 11 in Webster master #400 catalog.

[△] Weights of attachments coupled every pitch.

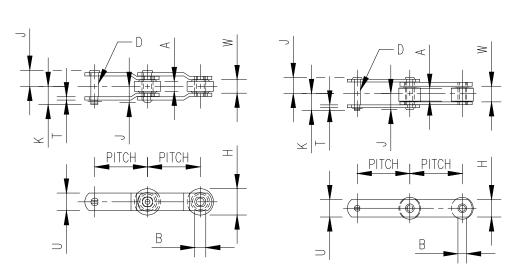


Steel Bushed Roller (SBR)

Steel bushed roller (SBR) chains are manufactured with heat treated rollers, hardened bushings, hardened pins and steel sidebars. The roller type construction provides a lower operating friction which helps increase chain life and reduces conveyor design requirements. SBR chains are available in a wide variety of sizes, configurations and designs and can be used in tough industrial applications. SBR chains come with a variety of standard attachments for immediate delivery.

STYLE 3

STYLE 2



CHAIN DIMENSIONS

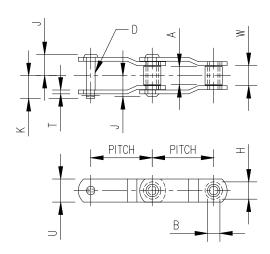
								Sideba	rs	
Chain No.	Chain Style	Average Pitch Inches	Approx. Links in 10 Feet	Average Weight Per Ft. Lbs.	Average Ultimate Strength in Lbs.	Rated Working Load in Lbs.☆	Thk.	Height F	Material	Inside Sidebars W
S1113	3	4.040	30	7.9	28,000	4,240	5/16	1 ½	M.C.	1 5/16
S1131	3	6.000	20	13.5	50,000	6,230	3/8	2	M.C.	1 5/8
ZA2184+	2	6.000	20	12.4	85,000	6,500	3/8	2	M.C.H.T.	1 3/8
ZA9184	2	6.000	20	17.2	125,000	8,400	1/2	2 ½	M.C.H.T.	1 9/16
ZA9185	2	6.000	20	19.5	125,000	8,400	1/2	2 ½	M.C.H.T.	1 9/16
SS996	3	6.000	20	12.2	73,000	5,900	3/8	2	M.C.H.T.	1 ½
ZA2178A	3	6.000	20	13.4	85,000	7,080	3/8	2 1/4	M.C.H.T.	1 9/16
ZA2198	3	6.000	20	15.6	100,000	7,850	1/2	2 1/4	M.C.H.T.	1 9/16
ZA2800	3	8.000	15	26.0	125,000	9,840	1/2	2¾	M.C.H.T.	1 13/16
RS1238	5	12.000	10	9.4	56,000	9,200	3/8	2 ½	M.C.	2 1/4
1706	5	12.000	10	13.7	120,000	14,000	1/2	2 ½	M.C.H.T.	3
S2614	5	12.000	10	24.0	162,000	17,500	5/8	3 ½	M.C.H.T.	2 3/4
S2648	5	12.000	10	33.0	200,000	29,600	5/8	4	M.C.H.T.	4
S12350	5	12.000	10	34.0	260,000	27,500	5/8	4	M.C.H.T.	4

[🔀] See page A-12 for Speed Factor, Table 9, and page A-13 for Service Factor, Tables 10 and 11 in Webster master #400 catalog.



Steel Bushed Roller (SBR)

STYLE 5



ABBREVIATIONS OF MATERIAL AND TREATMENT

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

CHAIN DIMENSIONS

	Overall Width		Overall Width		Overall Width		F	Pins	Bus	Bushings		Rollers		
Chain	© to Cotter End	⊕ to Head or Rivet End	Dia.		Outside Dia.		Tread Dia.	Tread Width						
No.	K	J	D	Material	В	Material	Н	Α	Material	Attachment				
S1113	1 23/32	1 17/32	5/8	ALY. H.T.	7/8	ALY. C.H.	2	1 ³ / ₁₆	L.C.C.H.	A22				
S1131	2 3/32	1 27/32	3⁄4	ALY. H.T.	1 1/8	ALY. C.H.	3	1 ⁷ / ₁₆	L.C.C.H.	A42				
ZA2184+	2 3/32	1 ¾	7/8	ALY. I.H.	1 1/4	ALY. C.H.	3	1 1/8	L.C.C.H.	A42				
ZA9184	2 1/4	2 1/16	¹⁵ / ₁₆	ALY. I.H.	1 1/4	ALY. C.H.	3	1 1/4	L.C.C.H.	A42				
ZA9185	2 1/4	2 ½16	15/16	ALY. I.H.	1 1/4	ALY. C.H.	3 ½	1 1/4	L.C.C.H.	A42				
SS996	2 1/32	1 25/32	3/4	ALY. I.H.	1 1/8	ALY. C.H.	2 ¾	1 %	L.C.C.H.	K2				
ZA2178A	2 1/16	1 13/16	7/8	ALY. I.H.	1 1/4	ALY. C.H.	2 ¾	1 ³ / ₁₆	L.C.C.H.	K2				
ZA2198	2 5/16	2 ³ / ₃₂	7/8	ALY. I.H.	1 1/4	L.C.C.H.	2 ¾	1 1/4	L.C.C.H.	K2				
ZA2800	2 1/16	2 ³ / ₁₆	1	ALY. I.H.	1 ½	L.C.C.H.	3 ½	1 ½16	L.C.C.H.	K2				
RS1238	2 ¹⁵ / ₃₂	2 ¹³ / ₁₆	7/8	ALY. H.T.	1 1/4	ALY. C.H.	1 %	2 1/8	L.C.C.H.	M14				
1706	3	2 27/32	1	ALY. I.H.	1 3/4	ALY. C.H.	2 1/4	2 1/8	M.C.H.T.	M14				
S2614	3 %2	2 31/32	1 1/4	ALY. I.H.	1¾	ALY. C.H.	2 ½	2 %	L.C.C.H.	M14				
S2648	3 29/32	3 19/32	1 %	ALY. I.H.	2 ½	ALY. C.H.	3 ½	3 %	ALY. H.T.	M14				
S12350	4 3/32	3 21/32	1 ½	ALY. I.H.	2 3/16	ALY. C.H.	3 ½	3 1/8	ALY. H.T.	M14				



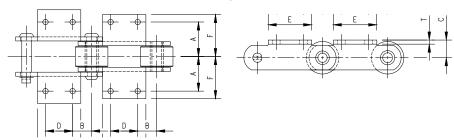
Common Steel Bushed Roller (SBR)—Attachments

A22-A42 ATTACHMENTS

A22-A42

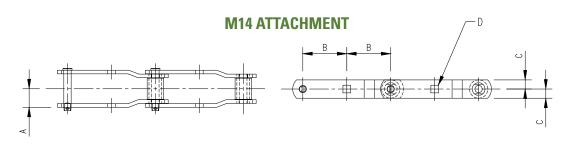
Chain				_		Weight Per Ft. Lbs.	Bolt
No.	Α	В	E	F	I		Size
S1113	2 3/8	2 1/64	2	3 5/16	1/2	9.7	5/8
S1131	2 19/32	3	2	3 19/32	5/8	14.8	5/8
ZA2184+	2 %	3	2	3 11/16	5/8	13.8	5/8
ZA9184	3	3 ¾	2	4 1/32	5/8	18.6	5/8
ZA9185	3	3 ¾	2	4 1/32	5/8	18.6	5/8

K2 ATTACHMENT



K2

Chain								Weight Per Ft. Lbs.	Bolt
No.	Α	В	С	D	E	F	T	\triangle	Size
SS996	2 3/16	1 ½	1 %	3	4 1//8	3 5/32	3/8	16.3	1/2
ZA2178A	2 3/16	1 ½	1 1/8	3	4 3/8	3 3/32	3/8	17.1	1/2
ZA2198	2 3/16	1 ½	1 1/8	3	4 1/4	2 13/16	1/2	18.2	1/2
ZA2800	2 19/32	1 3/4	2 3/16	4 ½	6	3 11/16	1/2	33.3	5/8



M14

Chain				SQ. Shaft Size	Weight Per Ft. Lbs.
No.	Α	В	C	D	Δ
RS1238	1 29/32	6	1 1/4	1	9.4
1706	2 17/32	6	1 1/4	1	13.7
S2614	2 21/32	6	1 3/4	1 1/4	24.0
S2648	3 11/32	6	2	1 1/4	33.0
S12350	3 1/32	6	2	1 1/4	33.0

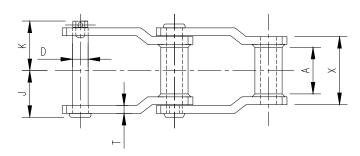
△ Weights of attachments coupled every pitch.

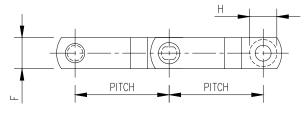


Welded Steel Chains

Welded steel mill chains are manufactured with heat treated pins, steel sidebars and steel barrels. Mill chains are furnished in various configurations of pitch, construction and heat treatment to suit each operating environment.

Their simple, yet rugged construction makes them ideal for the forest products, grain, ethanol and recycling industries. Mill chains are readily available from stock with custom and standard attachments.

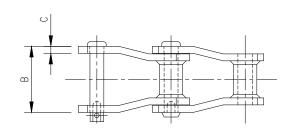


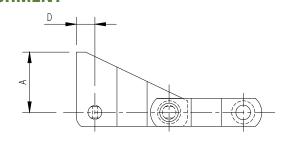


CHAIN DIMENSIONS

							Sidebar	'S		Overa	II Width		Pins	Ва	irrels	
Chain	Average Pitch	Approx. Links in	Average Weight Per Ft.	Average Ultimate Strength	Rated Working Load in	Thk.	Height		Length of Bearing	© to Cotter End	© to Head or Rivet End	Dia.		Outside Dia.		Max. Spkt. Width
No.	Inches	10 Feet	Lbs.	in Lbs.	Lbs. ☆	T	F	Material	X	K	J	D	Material	Н	Material	Α
WH78	2.609	46	4.0	30,000	3,500	1/4	1 1/8	M.C.H.T.	2	1 19/32	1 1/16	1/2	ALY. H.T.	7/8	M.C.H.T.	1 1/8
WH82	3.075	39	4.8	36,000	4,400	1/4	1 1/4	M.C.H.T.	2 1/4	1 ²³ / ₃₂	1 19/32	9/16	ALY. H.T.	1 1/16	M.C.H.T.	1 1/4
WH124	4.000	30	8.3	69,000	7,200	3/8	1 ½	M.C.H.T.	2 ¾	2 9/32	2 1/32	3/4	ALY. H.T.	1 1/4	M.C.H.T.	1 ½
WHX124	4.000	30	8.3	69,000	7,200	3/8	1 ½	M.C.H.T.	2 ¾	2 9/32	2 1/32	3/4	ALY. I.H.	1 1/4	M.C.H.T.	1 ½
WH111+	4.760	26	9.5	77,000	8,850	3/8	1 ¾	M.C.H.T.	3 ¾	2 19/32	2 11/32	3/4	ALY. H.T.	1 1/4	M.C.H.T.	2
WH106	6.000	20	7.0	69,000	7,200	3/8	1 ½	M.C.H.T.	2 ¾	2 9/32	2 1/32	3/4	ALY. H.T.	1 1/4	M.C.H.T.	1 ½
WHX106	6.000	20	7.0	69,000	7,200	3/8	1 ½	M.C.H.T.	2 ¾	2 9/32	2 1/32	3/4	ALY. I.H.	1 1/4	M.C.H.T.	1 ½
WH132	6.050	20	14.2	115,000	15,300	1/2	2	M.C.H.T.	4 %	3 7/32	3 1/16	1	ALY. H.T.	1 ¾	M.C.H.T.	2 ¾
WHX132	6.050	20	14.2	115,000	15,300	1/2	2	M.C.H.T.	4 %	3 7/32	3 1/16	1	ALY. I.H.	1 ¾	M.C.H.T.	2 ¾
WH150	6.050	20	16.8	116,000	15,300	1/2	2 ½	M.C.H.T.	4 3/8	3 7/32	3 1/16	1	ALY. H.T.	1 ¾	M.C.H.T.	2 ¾
WHX150	6.050	20	16.8	116,000	15,300	1/2	2 ½	M.C.H.T.	4 3/8	3 7/32	3 1/16	1	ALY. I.H.	1 ¾	M.C.H.T.	2 ¾
WH157	6.050	20	20.6	161,000	18,200	5/8	2 ½	M.C.H.T.	4 %	3 %16	3 %	1 1/8	ALY. H.T.	1 ¾	M.C.H.T.	2 ¾
WHX157	6.050	20	20.6	161,000	18,200	5/8	2 ½	M.C.H.T.	4 %	3 %16	3 ¾	1 1/8	ALY. I.H.	1 ¾	M.C.H.T.	2 ¾
WHX155	6.050	20	19.0	145,000	17,750	9/16	2 ½	M.C.H.T.	4 1/2	3 ½	3 ¾	1 1/⁄8	ALY. I.H.	1 ¾	M.C.H.T.	2 ¾
WHX159	6.125	20	26.5	230,000	20,250	5/8	3	M.C.H.T.	4 %	3 1/16	3 5/16	1 ¼	ALY. I.H.	2	M.C.H.T.	2 ¾

S1 ATTACHMENT





S1

Chain					Weight Per Ft. Lbs.
No.	Α	В	С	D	Δ
WH124	31/4	3 %	3/8	1	21.8
WHX124	3 1/4	3 %16	3/8	1	21.8
WH132	5	5 ½	1/2	1 ³ / ₁₆	28.5
WHX132	5	5 ½	1/2	13/16	28.5
WH150	5 1/4	5 ½	1/2	13/16	34.3
WHX150	5 1/4	5 ½	1/2	1 ³ / ₁₆	34.3
WH157	3 ¾	6	5/8	1 11/32	36.2
WHX157	3¾	6	5/8	1 11/32	36.2

ABBREVIATIONS OF MATERIAL AND TREATMENT

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

🔀 See page A-12 for Speed Factor, Table 9, and page A-13 for Service Factor, Tables 10 and 11 in Webster master #400 catalog.

Weights of attachments coupled every pitch.

