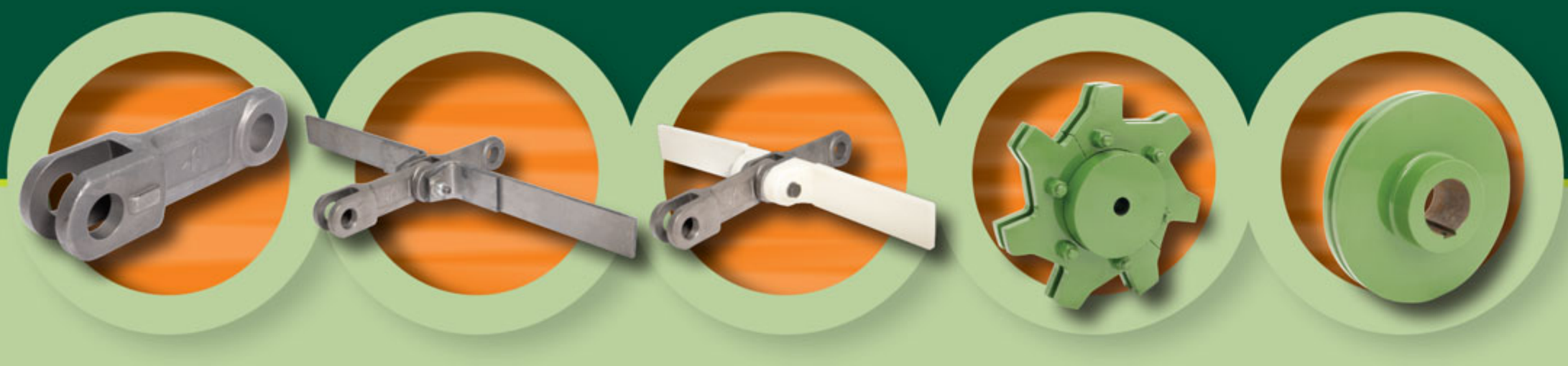
4B
COMPONENTS
LIMITED

Drop Forged Chain

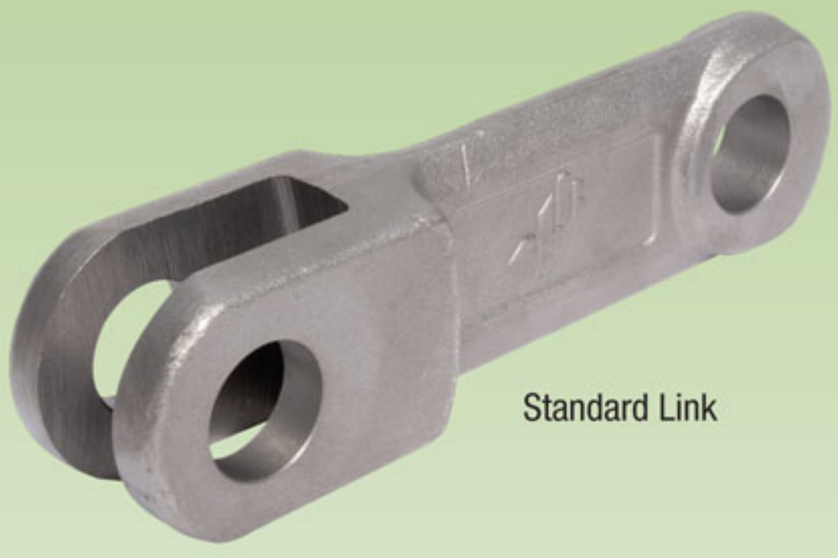


A complete line of drop forged chain and accessories designed for all your conveying needs.

TECHNOLOGY • INNOVATION • QUALITY • VALUE

4B Components Limited

Drop Forged Chain



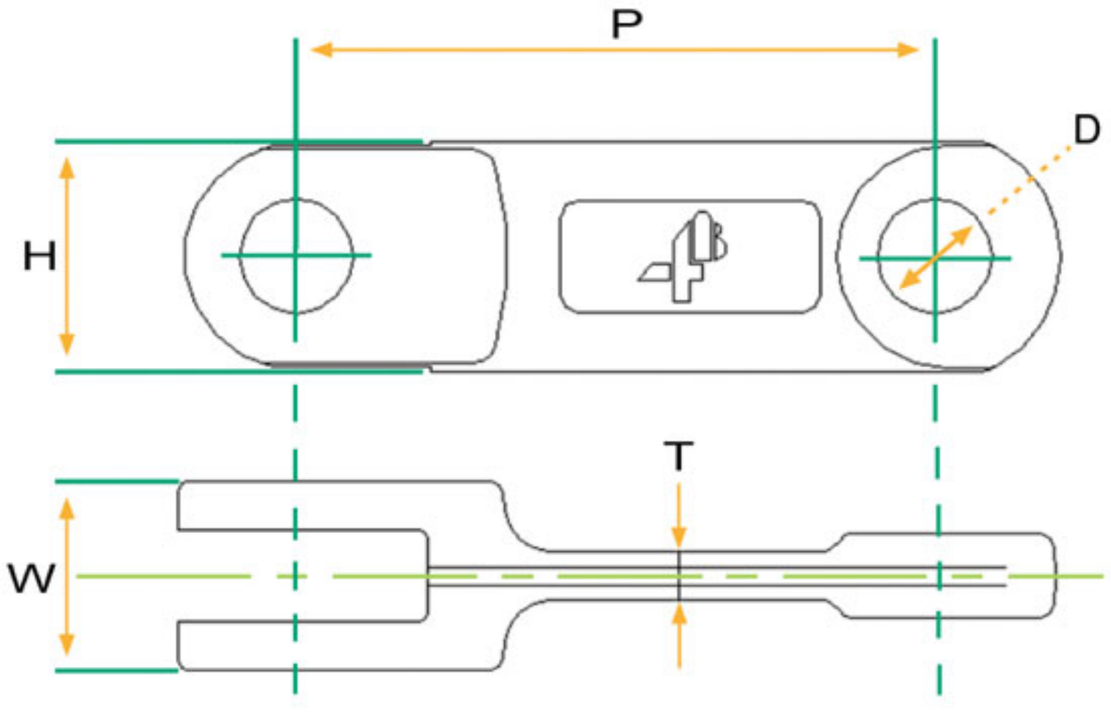
Standard Link

4B drop forged chain is made of special heat treated alloy steel case hardened to Rockwell C57 with a ductile core hardness of Rockwell C40.

Heat treating is a complex process that is done to provide the optimum chain link with a more fracture resilient ductile core for shock resistance, and an extremely hard exterior surface for superior wear resistance.

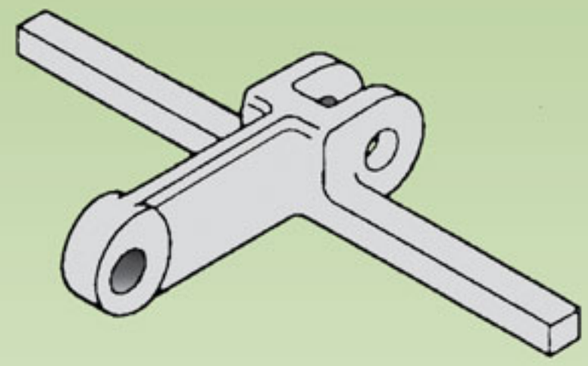
4B drop forged chain is backed by an international network of companies with over 120 years of experience, and a global team of engineers and sales professionals that can provide you with practical solutions for all your material handling applications.

Chain Link	4B102NA	4B125NA	4B142NA	4B142HA	4B150NA	4B160NA	4B200NA	4B216NA	4B250NA	4B260NA
Minimum Breaking Load	150 kn 33,000 lb	175 kn 39,375 lb	300 kn 67,500 lb	450 kn 101,000 lb	300 kn 67,500 lb	350 kn 78,700 lb	500 kn 113,000 lb	600 kn 135,000 lb	700 kn 158,000 lb	700 kn 158,000 lb
Case Hardness	Rockwell C57	Rockwell C57	Rockwell C57	Rockwell C57	Rockwell C57	Rockwell C57	Rockwell C57	Rockwell C57	Rockwell C57	Rockwell C57
Case Depth	0.5 mm	0.6 mm	0.7 mm	0.7 mm	0.7 mm	0.8 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm
Core Hardness	Rockwell C40	Rockwell C40	Rockwell C40	Rockwell C40	Rockwell C40	Rockwell C40	Rockwell C40	Rockwell C40	Rockwell C40	Rockwell C40
Weight (Per Link)	0.38 kg	0.7 kg	1.08 kg	1.76 kg	1.2 kg	1.3 kg	2.85 kg	3.66 kg	4.26 kg	5.38 kg
Bolt 'N' Go Compatible	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
	Dimensions									
P	102 mm	125 mm	142 mm	142 mm	150 mm	160 mm	200 mm	216 mm	250 mm	260 mm
H	36 mm	35 mm	50 mm	50 mm	49 mm	44.5 mm	58 mm	75 mm	75 mm	75 mm
W	28 mm	36 mm	42 mm	62 mm	36 mm	42 mm	68 mm	60 mm	70 mm	71 mm
T	7.62 mm	10 mm	11 mm	16.5 mm	13 mm	13 mm	18 mm	19 mm	18 mm	22 mm
D	14 mm	16 mm	25 mm	25 mm	25 mm	20 mm	30 mm	35 mm	32 mm	32 mm

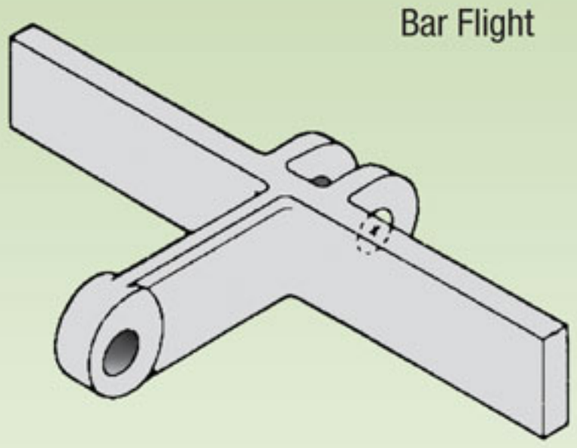


Flights, Pins, Sprockets and Trailers

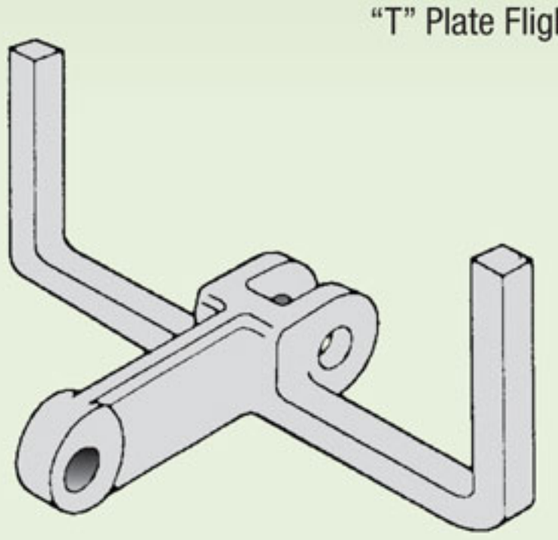
Typical Welded Flight Attachments



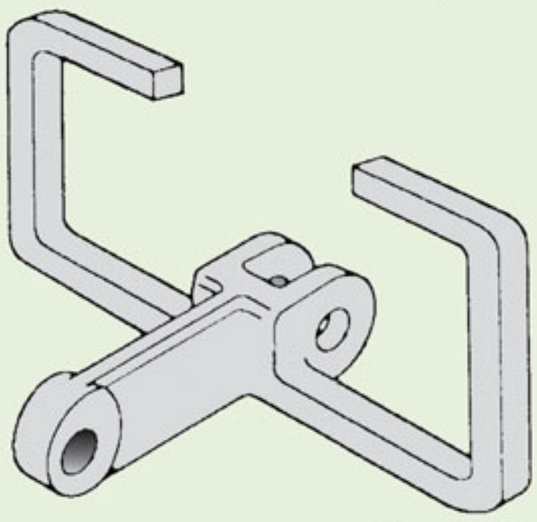
Bar Flight



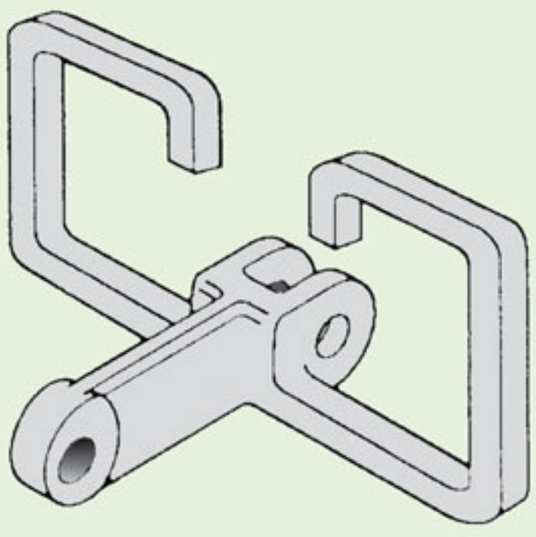
"T" Plate Flight



U-Flight



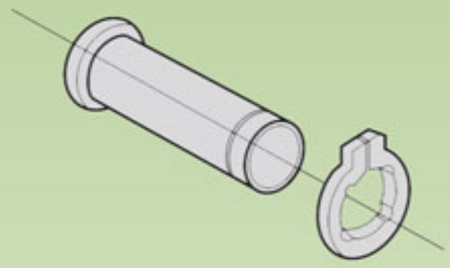
Closed U-Flight



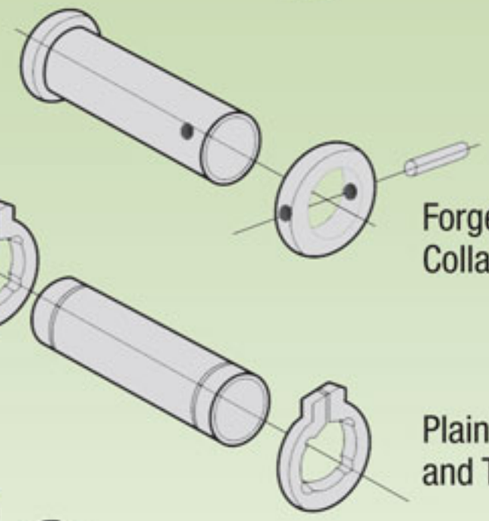
00 Flight

Note: Custom flights are available.

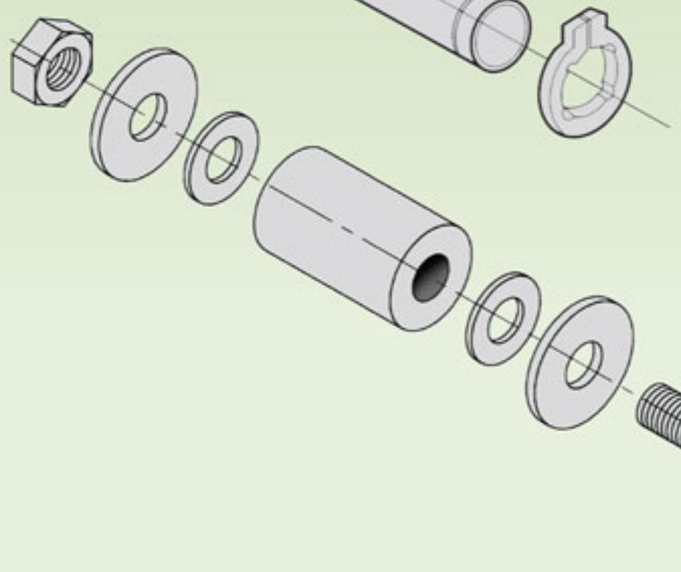
Standard Pins



Forged Head Pin
and One Clamp



Forged Head Pin,
Collar and Roll Pin



Plain Pin
and Two Clamps

Bolt 'N" Go
Hollow Pin and Bolt

Note: Clamps or roll pins must not be re-used, install one time and discard after use.

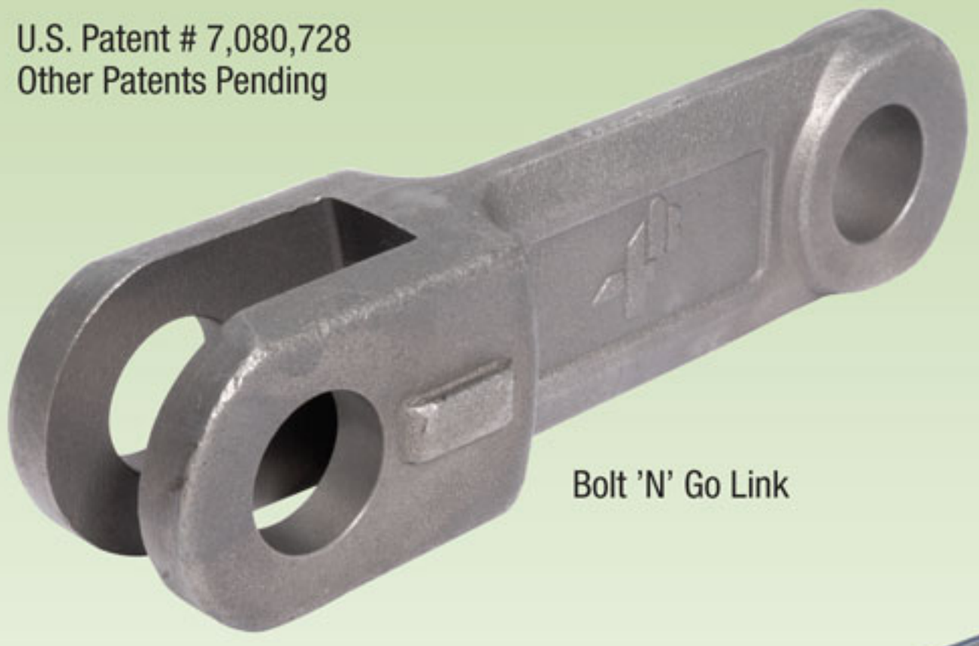
4B Clamp Tool
Sample clamp installation

Sprockets and Trailers

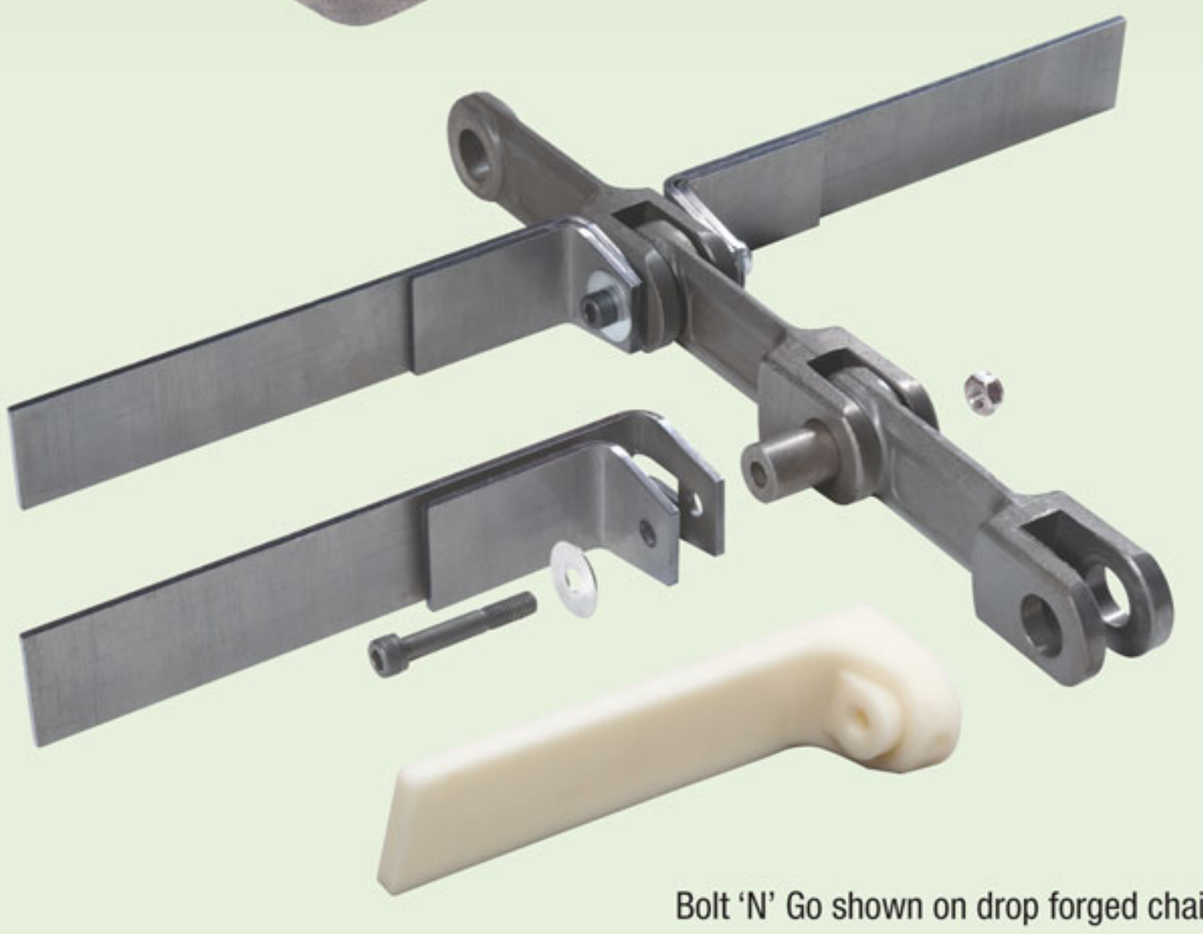
Bolt 'N' Go

The Bolt 'N' Go flight system is a revolutionary assembly method for drop forged and round link conveyor chain. Link and flight assembly is made easy by using a standard bolt and nut with a high strength hollow pin. There are no circlips and no intricate assembly required. There is no welding of flights, no need to remove chain from the conveyor for installation, and no issues with strength. Just bolt the links and the flights together. It's easy, simple and reliable!

U.S. Patent # 7,080,728
Other Patents Pending



Bolt 'N' Go Link



Bolt 'N' Go shown on drop forged chain

Bolt 'N' Go shown on round link chain

4B Has It All

Speedswitches
Belting
Level monitors
Hazard monitors
Elevator buckets and bolts
And more!

When it comes to supplying you with virtually any material handling component, 4B has it.

Our complete line of components and extensive inventory mean speedy turnaround on your orders. When necessary, our engineering and systems experts can provide you with the utmost in professional assistance. Sound advice, too. And in case you haven't heard, 4B quality speaks for itself.

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Brochure information subject to change or correction.
Refer to instruction manual for correct installation information.
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