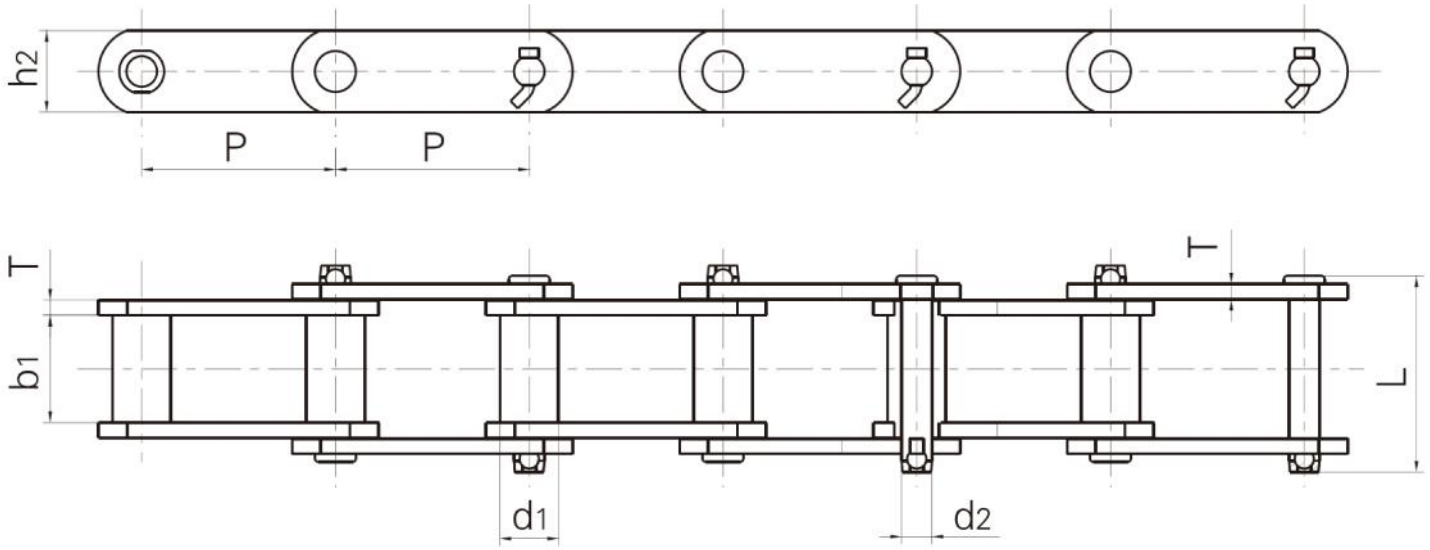
NITRO POWER PRODUCTS

Quality Power Transmission Products

Engineering Chain

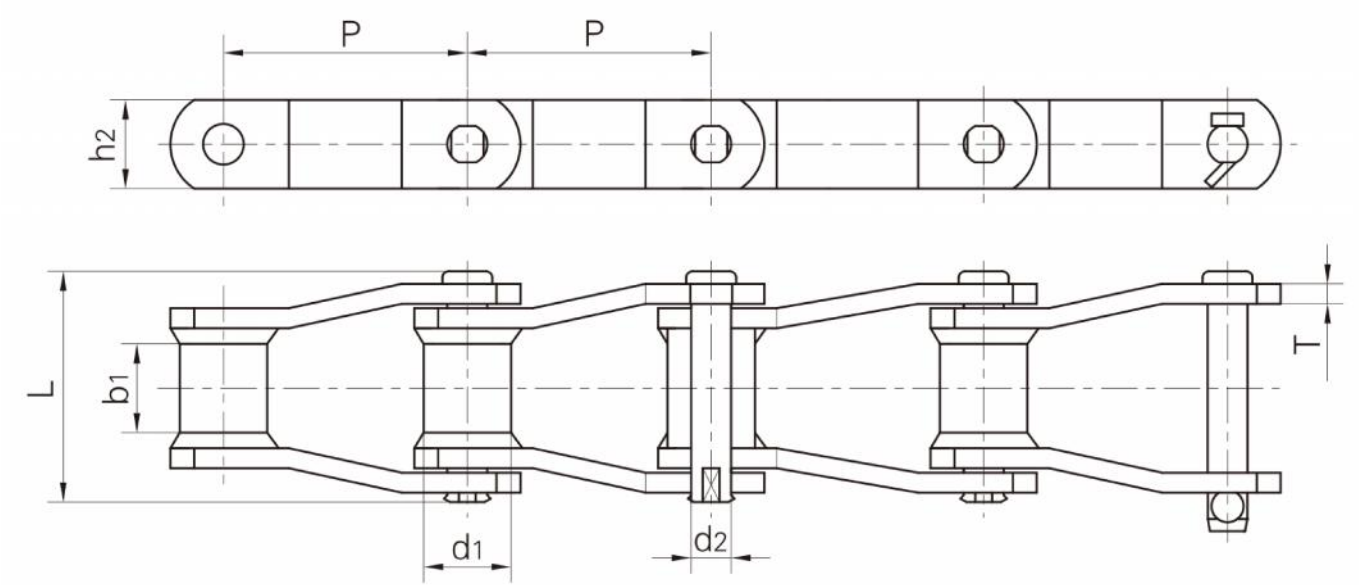
Table Of Contents

Steel Bushed Chains



Nitro Chain Number	Pitch	Bush Width	Bush Diameter	Overall Width	Pin Diameter	Plate Height	Plate Thickness	Average Tensile Strength
-	P	b1	d1	L	D2	H2	T	Lbs
S102B	4	2.130	1.000	4.382	0.625	1.500	0.382	39,500
S110	6	2.130	1.250	4.382	0.625	1.500	0.382	39,500
S111	4.760	2.630	1.440	5.165	0.750	2.000	0.382	52,900
S131	3.075	1.319	1.250	3.563	0.625	1.500	0.382	39,500
S150	6.050	3.319	1.750	6.480	1.000	2.500	0.500	93,500
S188	2.609	1.060	0.880	2.700	0.500	1.118	0.252	25,200
S856	6	3.000	1.750	6.098	1.000	2.500	0.500	90,200
S857	6	3.000	1.750	6.098	1.000	3.250	0.500	106,800
S859	6	3.752	2.380	7.421	1.250	4.000	0.630	170,600
S864	7	3.752	2.380	7.421	1.250	4.000	0.630	170,600

Welded Steel Chains (WH)

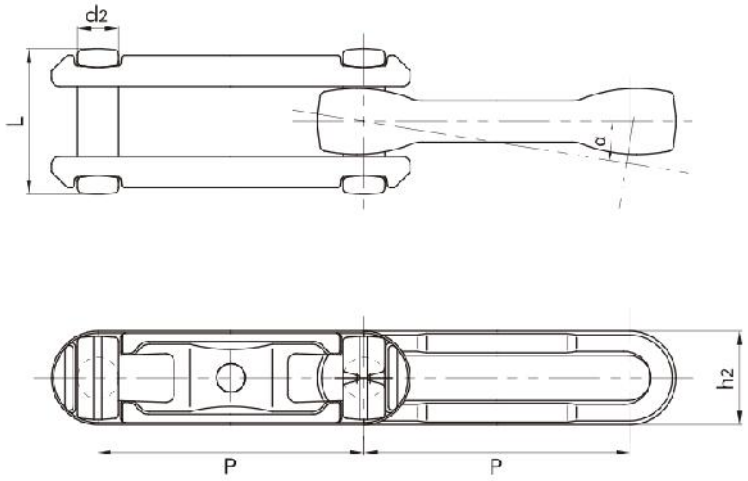


Nitro Chain Number	Pitch	Bush Width	Bush Diameter	Overall Width	Pin Diameter	Plate Height	Plate Thickness	Average Tensile Strength
-	P	b1	d1	L	D2	H2	T	Lbs
WH78	2.609	1.118	0.875	2.875	0.500	1.118	0.250	26,400
WH82	3.075	1.250	1.060	3.150	0.500	1.250	0.250	32,400
WH106	6.000	1.620	1.250	4.055	0.750	1.500	0.380	55,500
WH110	6.000	1.830	1.250	4.240	0.750	1.500	0.380	55,500
WH111	4.760	2.250	1.250	4.598	0.750	1.500	0.380	55,500
WH124	4.000	1.620	1.375	4.055	0.750	1.500	0.380	55,500
WH124H	4.063	1.620	1.625	5.181	0.875	2.000	0.500	88,000
WH132	6.050	3.000	1.750	5.945	1.000	2.000	0.500	93,400
WH150	6.050	2.875	1.750	5.945	1.000	2.500	0.500	153,300
WH155	6.050	2.875	1.750	6.456	1.125	2.500	0.500	202,700
WH157	6.050	3.000	1.750	6.456	1.125	2.500	0.625	202,700

“WH” welded chains have all heat treated components.

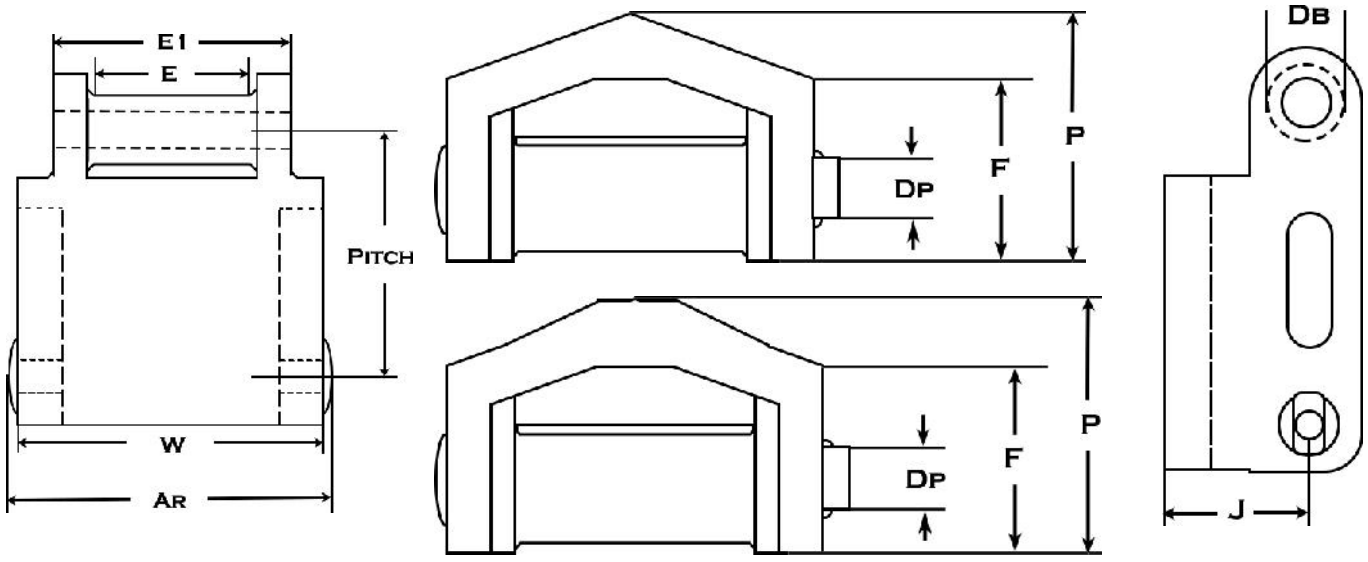
Available with attachments. See the attachment chain catalog.

Drop Forged Rivetless Chain



Nitro Chain Number	Pitch	Overall Width	Pin Diameter	Side Bar Width	Degree Of Flex	Number Of Pitches Per 10 Feet	Average Tensile Strength
-	P	L	D2	H2	a	-	Lbs
X348	3.015	1.850	0.531	1.063	9°	40	22,000
X458	4.031	2.283	0.630	1.378	9°	30	42,000
X468	4.031	3.311	0.768	1.882	9°	30	70,000
X678	6.031	3.031	0.878	2.031	7°	20	71,400
X698	6.031	3.752	1.102	2.362	7°	20	115,700

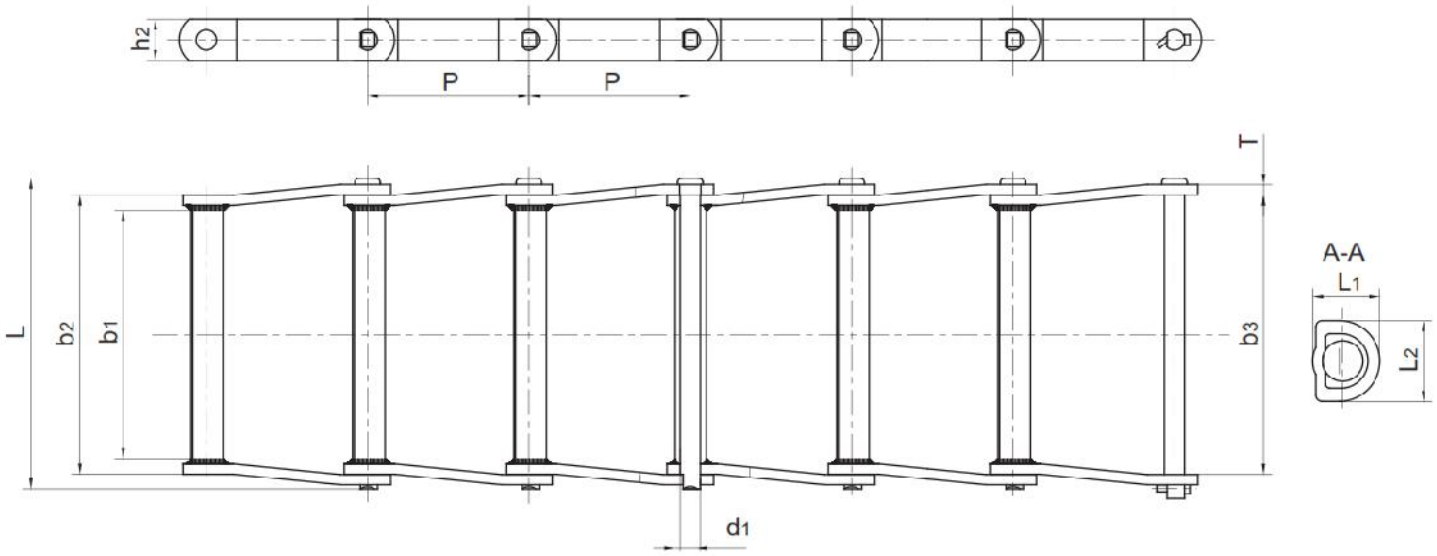
“H” Class Roof Top Chain



Nitro Chain Number	Pitch	Inner Barrel Width	Barrel Diameter	Overall Width	Link Width (W/O Rivet)	Pin Diameter	Side Height	Overall Height	Overall Barrel Length	Average Tensile Strength
-	P	E	Db	Ar	W	Dp	F	P	E1	Lbs
H78A	2.609	1.12	0.88	3.25	2.81	0.500	1.00	1.69	1.88	20,800
H78B*	2.609	1.12	0.88	3.25	2.81	0.500	1.00	1.69	1.88	20,800
H130	4.000	1.00	1.00	3.25	2.81	0.500	1.06	1.69	1.62	18,200
H131	4.000	1.62	1.25	4.00	3.44	0.625	1.56	2.25	2.50	29,900
H138*	4.000	1.00	1.00	3.25	2.81	0.500	1.06	1.69	1.62	19,500

*Flat top style.

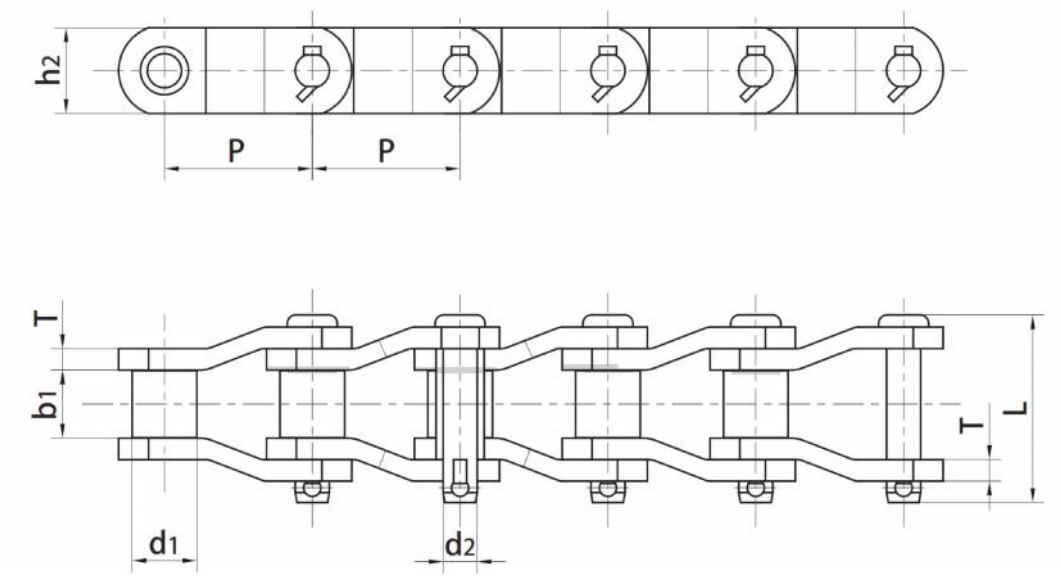
Welded Steel Drag Chain



Nitro Chain Number	Pitch	Barrel Width	Pin Diameter	Narrow Side Width	Inner Width	Link Plate Height	Overall Width	Plate Thickness	Average Tensile Strength
-	P	b1	d1	b2	b3	h2	L	T	LBS
WDH102	5.000	6.375	0.750	7.750	7.780	1.500	9.661	0.382	55,000
WDH104	6.000	4.125	0.750	5.389	5.409	1.500	7.141	0.382	55,000
WDH110	6.000	9.000	0.750	10.389	10.409	1.500	12.150	0.382	55,000
WDH112	8.000	9.000	0.750	10.389	10.409	1.500	12.150	0.382	55,000
WDH113	6.000	9.000	0.875	10.638	10.657	1.500	12.689	0.500	56,000
WDH116	8.000	13.000	0.750	14.137	14.157	1.780	15.980	0.382	59,000
WDH118	8.000	13.250	0.875	14.890	14.909	2.039	16.972	0.500	79,000
WDH122	8.000	8.750	0.875	10.260	10.280	2.039	12.382	0.500	79,000
WDH480	8.000	11.125	0.875	12.760	12.780	2.039	14.882	0.500	79,000

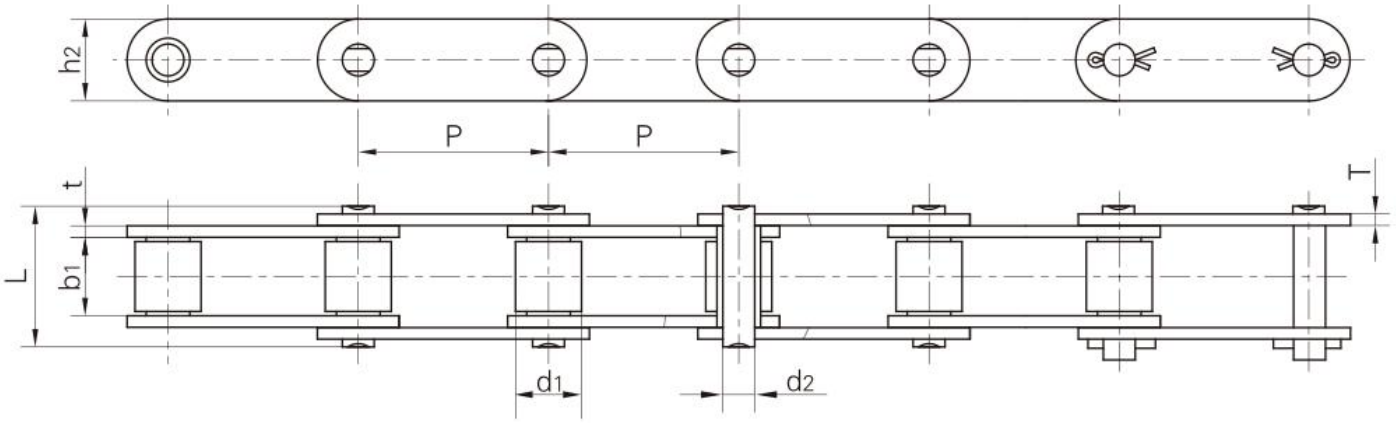
Available with attachments. See the attachment chain catalog

Heavy Duty Drive Chains



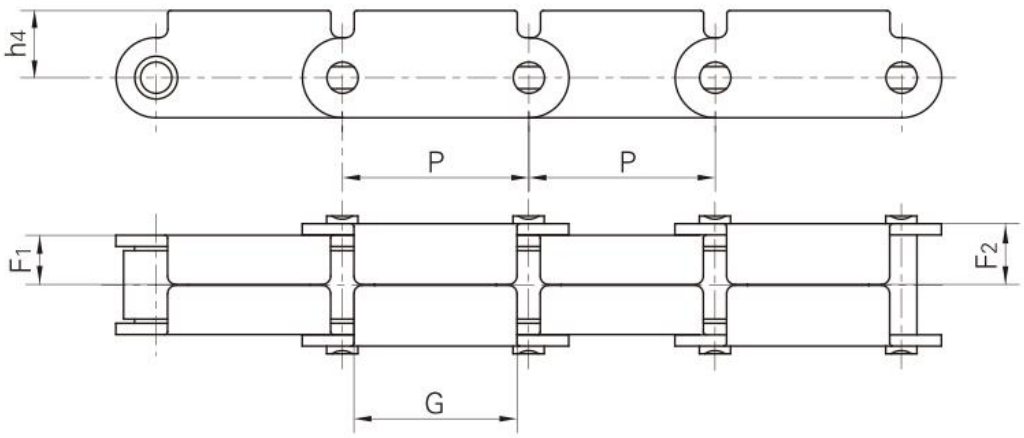
Nitro Chain Number	Pitch	Roller Diameter	Width Between Plates	Pin Diameter	Overall Width	Plate Height	Plate Thickness	Average Tensile Strength
-	P	d1	b1	d2	L	h2	T	Lbs
NPP-432	1.654	0.875	1.000	0.437	2.280	1.122	0.189	19,700
NPP-2010	2.500	1.250	1.500	0.625	3.500	1.882	0.311	61,000
NPP-882	2.609	0.875	1.125	0.437	2.700	1.122	0.250	28,000
NPP-2510	3.075	1.250	1.452	0.630	3.732	1.575	0.315	65,000
NPP-3075	3.075	1.250	1.500	0.648	3.681	1.750	0.382	82,000
NPP-3125	3.125	1.625	1.563	0.800	4.000	2.250	0.375	89,000
NPP-2814	3.500	1.750	1.440	0.875	4.630	2.283	0.500	140,000
NPP-3214	4.063	1.750	1.890	0.866	4.862	2.165	0.512	115,000
NPP-1242	4.063	1.750	1.937	0.875	4.902	2.244	0.500	140,000
NPP-3315	4.073	1.780	1.940	0.938	5.118	2.500	0.560	170,000
NPP-3618	4.500	2.250	2.060	1.101	5.433	3.118	0.560	220,000
NPP-4020	5.000	2.500	2.750	1.250	6.523	3.500	0.618	310,000
NPP-1205	5.000	2.500	2.560	1.250	5.811	3.250	0.560	214,000
NPP-2184	6.000	3.000	1.378	0.875	3.780	2.000	0.375	84,000
NPP-4824	6.000	3.000	2.937	1.500	7.322	3.937	0.787	419,000
NPP-6060	6.000	3.500	3.976	1.875	9.000	4.500	0.866	439,000

81X Conveyor (Lumber) Chain



Nitro Chain Number	Pitch	Roller Width	Roller Diameter	Overall Width	Pin Diameter	Plate Height	Plate Thickness	Average Tensile Strength
-	P	b1	d1	L	d2	h2	T	LBS
81X	2.609	1.062	0.905	1.929	0.437	1.122	0.156	28,900
81XH	2.609	1.062	0.905	2.390	0.437	1.122	0.220	39,500
81XHH	2.609	1.062	0.905	2.582	0.437	1.122	0.312	47,800
81XRT*	2.609	1.062	0.905	1.929	0.437	1.122	0.156	28,900

-	P	F1	F2	G	h4
81XRT*	2.609	0.689	0.858	2.283	0.939



Engineering Sprockets

Engineering sprockets are made to order per customers print. These sprockets can be manufactured from cast iron, stainless steel, alloy and plastic materials. Teeth can be heat treated to minimize wear.

Send RFQ's to quotes@nitropowerproducts.com

NITRO POWER PRODUCTS

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