

CHAIN & SPROCKET

ANSI/British standard, double pitch, and specialty

IDC SELECT[®]
www.IDCselect.com

CHAIN & SPROCKET

To compete in today's global marketplace, you need a supplier who can provide chain and sprockets that meet your quality, cost, and delivery requirements. That is why you rely on IDC Select®.

We carry a wide array of roller chain suitable for nearly every application. IDC Select® roller chain is manufactured to ANSI standards with wide waist link plates while offering a solid bushing/solid roller design for smoother, longer running applications. Our roller chain is available in standard and double pitch roller chain with nickel plated, stainless steel, and attachment chain options.

We also offer a full range of sprockets designed to operate on American Standard Roller Chain. IDC Select® sprockets are supplied with hardened teeth and are black oxide coated. They are available in plain bore, finished bore, taper and QD® bushing designs. All finished bore sprockets are furnished complete with a standard keyway and two setscrews.

Contact IDC Select® at info@IDCselect.com for questions or with special requests.

Taper-Lock® is a registered trademark of Reliance Electric.
QD® is a registered trademark of Emerson Electric.

IDC SELECT® ROLLER CHAIN

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CHAINS

IDC Select® standard roller chain is broadly used in power transmission applications ranging from general industrial applications to operation in such specialized areas as food processing and heavy construction equipment. Available in single and multiple strand designs, IDC Select® roller chain will meet most drive requirements.

IDC Select® products are available exclusively through a nationwide network of independent industrial distributors with local inventory and industry expertise ready to meet your delivery and service requirements. IDC Select® chains are manufactured under rigid quality control, from raw material to the finished products to provide high accuracy, strength, and durability. Accurate control for the heat treatment of chain components provides uniform and deep hardened surfaces. Inspections are conducted during every stage of manufacturing, including visual, dimensional and physical, as well as chemical analysis. Hardness, tensile strength, and shear strength are tested to ensure uniformity.



section 1:

ANSI STANDARD CHAINS

ANSI standard roller chains represent the most common roller chain sold in the market today. IDC Select® roller chain is manufactured in accordance with American National Standards Institute (ANSI) standard roller chains B29.1 standards.

IDC Select® roller chain is designed and built to provide maximum strength and wear life. Solid bushings, solid rollers, wide waist link plates and appropriate press fits are just a few of the reasons it outperforms the competition.

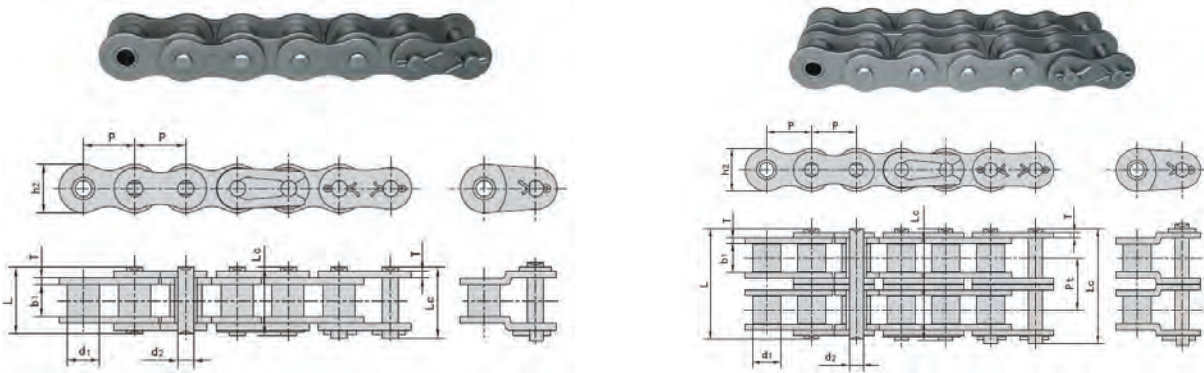


IDC SELECT® ROLLER CHAIN

ANSI STANDARD CHAINS

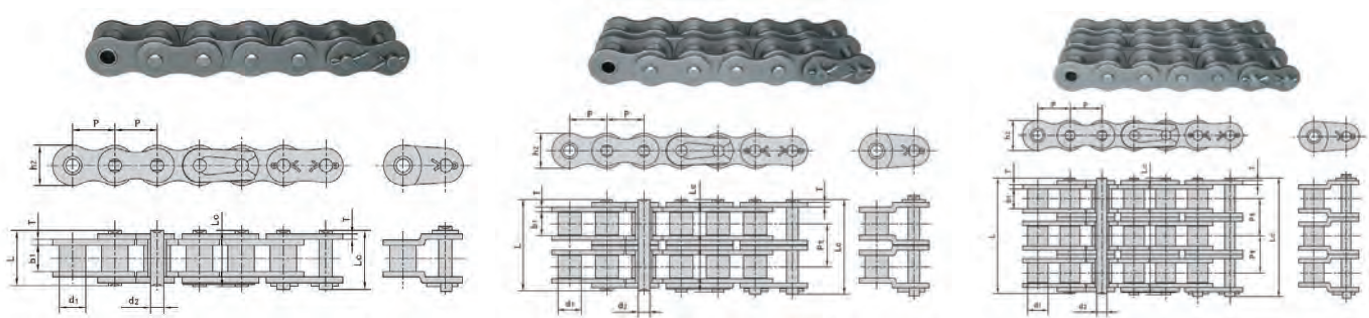
ANSI STANDARD

IDC 25



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt	Q min	Q0	q
	in	in	in	in	in	in	in	in	in	lbs	lbs	lbs
IDC 25-1R	0.250	0.130	0.125	0.0909	0.311	0.331	0.236	0.031	N/A	795	1046	0.331
IDC 25-2R	0.250	0.130	0.125	0.0909	0.571	0.591	0.236	0.031	0.252	1591	1955	0.617

IDC 35



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt	Q min	Q0	q
	in	in	in	in	in	in	in	in	in	lbs	lbs	lbs
IDC 35-1R	0.375	0.200	0.188	0.1409	0.488	0.519	0.354	0.051	N/A	1795	2455	0.728
IDC 35-2R	0.375	0.200	0.188	0.1409	0.886	0.917	0.354	0.051	0.399	3591	4478	1.389
IDC 35-3R	0.375	0.200	0.188	0.1409	1.287	1.319	0.354	0.051	0.399	5386	6501	2.315

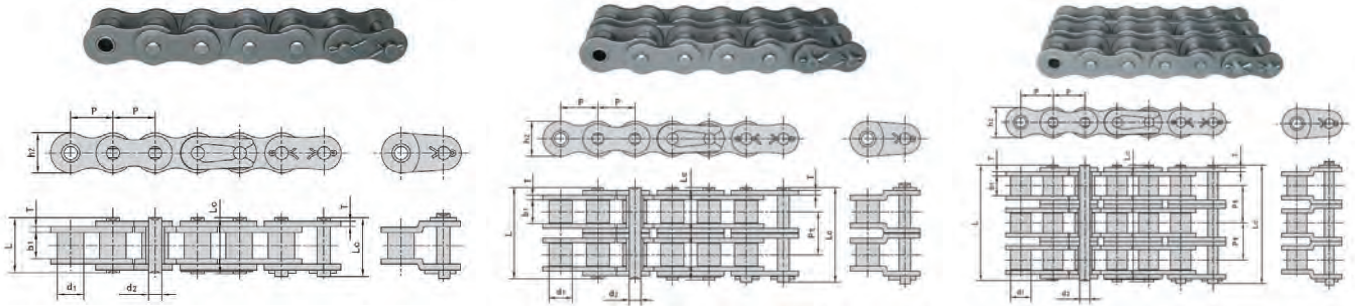
25-80 chain sizes use a spring clip design connecting link, 100 & above are cottered design
Part numbers ending in R = riveted and part numbers ending in C = cottered

IDC SELECT® ROLLER CHAIN

ANSI STANDARD CHAINS

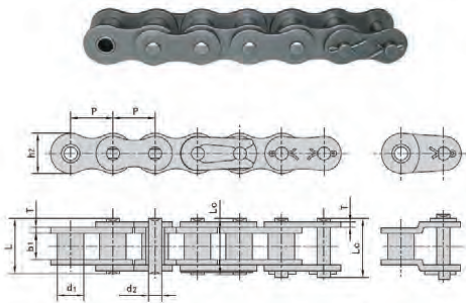
ANSI STANDARD

IDC 40



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt	Q min	Q0	q
	in	in	in	in	in	in	in	in	in	lbs	lbs	lbs
IDC 40-1R	0.500	0.313	0.309	0.1559	0.654	0.701	0.472	0.059	N/A	3205	3978	1.367
IDC 40-2R	0.500	0.313	0.309	0.1559	1.220	1.268	0.472	0.059	0.566	64	8160	2.469
IDC 40-3R	0.500	0.313	0.309	0.1559	1.787	1.835	0.472	0.059	0.566	9614	11365	4.189

IDC 41



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt	Q min	Q0	q
	in	in	in	in	in	in	in	in	in	lbs	lbs	lbs
IDC 41-1R	0.500	0.306	0.246	0.1409	0.541	0.591	0.390	0.051	N/A	1516	2864	0.904

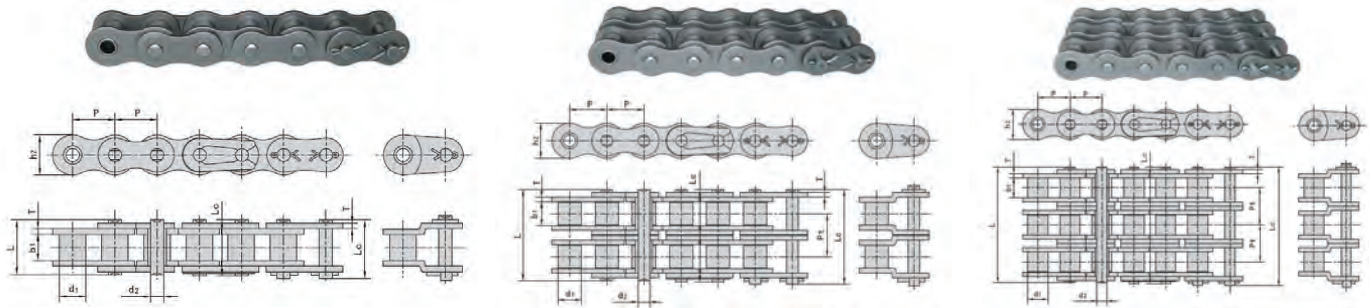
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IDC SELECT® ROLLER CHAIN

ANSI STANDARD CHAINS

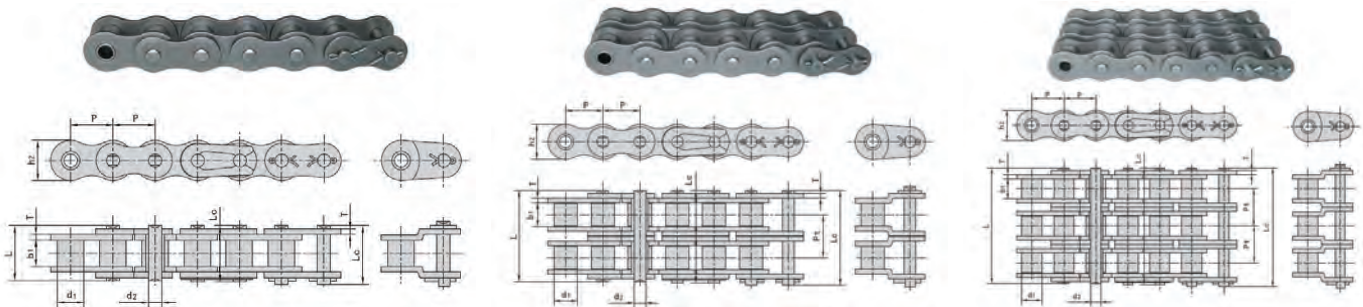
ANSI STANDARD

IDC 50



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt	Q min	Q0	q
	in	in	in	in	in	in	in	in	in	lbs	lbs	lbs
IDC 50-1R	0.625	0.400	0.370	0.2000	0.815	0.874	0.594	0.080	N/A	5045	6683	2.249
IDC 50-2R	0.625	0.400	0.370	0.2000	1.531	1.591	0.594	0.080	0.713	10091	13206	4.409
IDC 50-3R	0.625	0.400	0.370	0.2000	2.244	2.303	0.594	0.080	0.713	15136	17684	6.812

IDC 60



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Standard Type of Pin	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt		Q min	Q0	q
	in	in	in	in	in	in	in	in	in		lbs	lbs	lbs
IDC 60-1C	0.750	0.469	0.495	0.2339	N/A	1.114	0.709	0.095	N/A	Cottered	7227	9433	3.307
IDC 60-1R	0.750	0.469	0.495	0.2339	1.020	1.091	0.709	0.095	N/A	Riveted	7227	9433	3.307
IDC 60-2R	0.750	0.469	0.495	0.2339	1.921	1.988	0.709	0.095	0.897	Riveted	14455	18662	6.438
IDC 60-3R	0.750	0.469	0.495	0.2339	2.815	2.886	0.709	0.095	0.897	Riveted	21682	25254	10.009

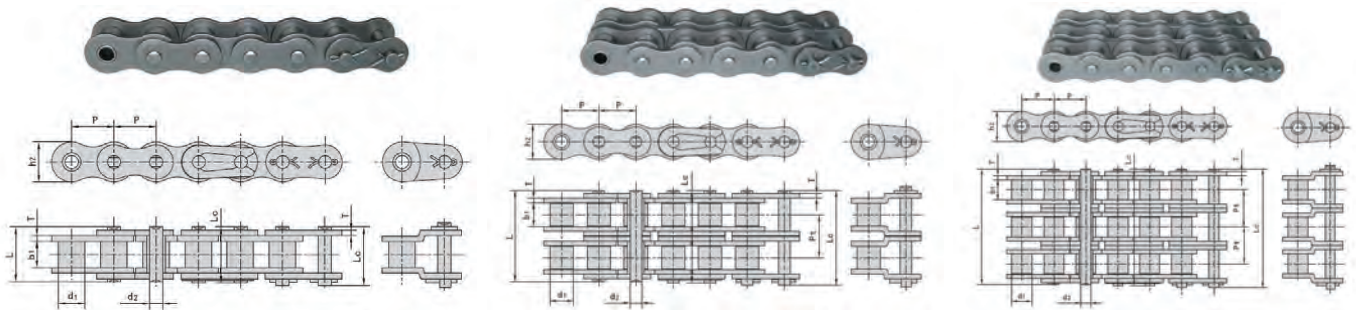
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IDC SELECT® ROLLER CHAIN

ANSI STANDARD CHAINS

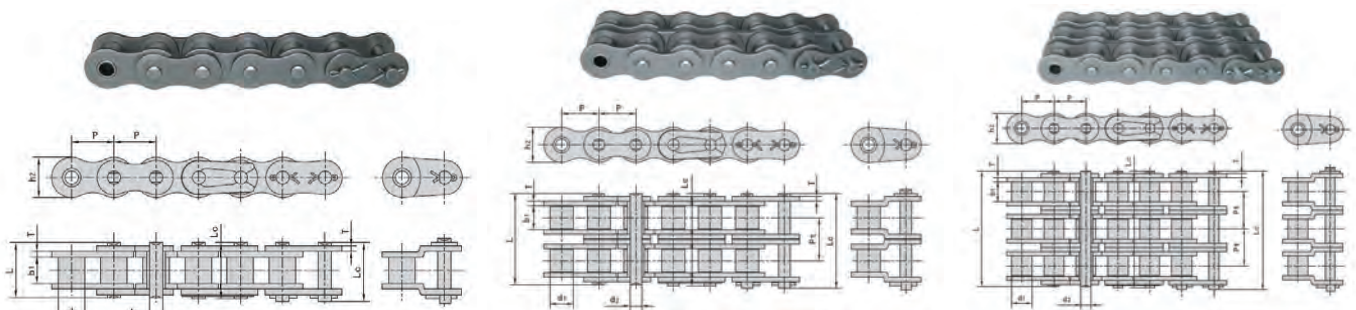
ANSI STANDARD

IDC 80



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Standard Type of Pin	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt		Q min	Q0	q
	in	in	in	in	in	in	in	in	in		lbs	lbs	lbs
IDC 80-1C	1.000	0.625	0.620	0.3118	N/A	1.437	0.945	0.128	N/A	Cottered	12886	15775	5.732
IDC 80-1R	1.000	0.625	0.620	0.3118	1.287	1.378	0.945	0.128	N/A	Riveted	12886	15775	5.732
IDC 80-2R	1.000	0.625	0.620	0.3118	2.469	2.531	0.945	0.128	1.153	Riveted	25773	32232	11.354
IDC 80-3R	1.000	0.625	0.620	0.3118	3.610	3.685	0.945	0.128	1.153	Riveted	38659	45097	17.395

IDC 100



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Standard Type of Pin	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt		Q min	Q0	q
	in	in	in	in	in	in	in	in	in		lbs	lbs	lbs
IDC 100-1C	1.250	0.750	0.744	0.3752	N/A	1.760	1.181	0.157	N/A	Cottered	20114	24822	8.620
IDC 100-1R	1.250	0.750	0.744	0.3752	1.591	1.760	1.181	0.157	N/A	Riveted	20114	24822	8.620
IDC 100-2R	1.250	0.750	0.744	0.3752	3.008	3.169	1.181	0.157	1.408	Riveted	40227	49871	17.196
IDC 100-3R	1.250	0.750	0.744	0.3752	4.417	4.579	1.181	0.157	1.408	Riveted	60341	70374	25.948

25-80 chain sizes use a spring clip design connecting link, 100 & above are cottered design
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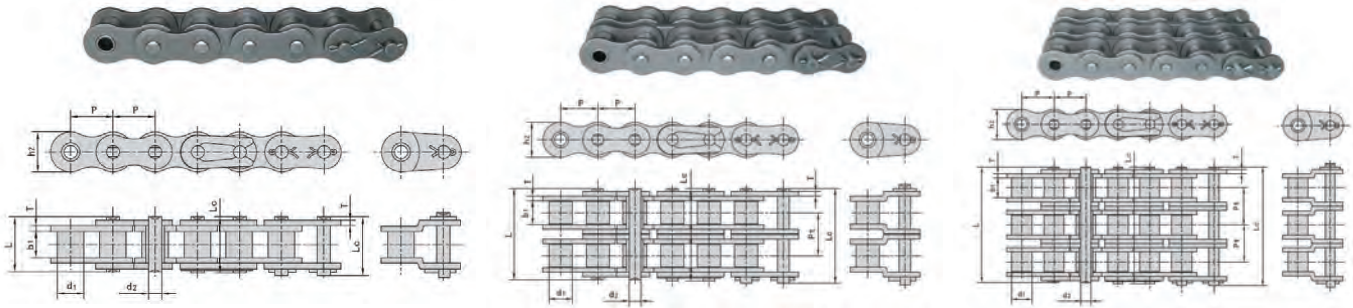
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IDC SELECT® ROLLER CHAIN

ANSI STANDARD CHAINS

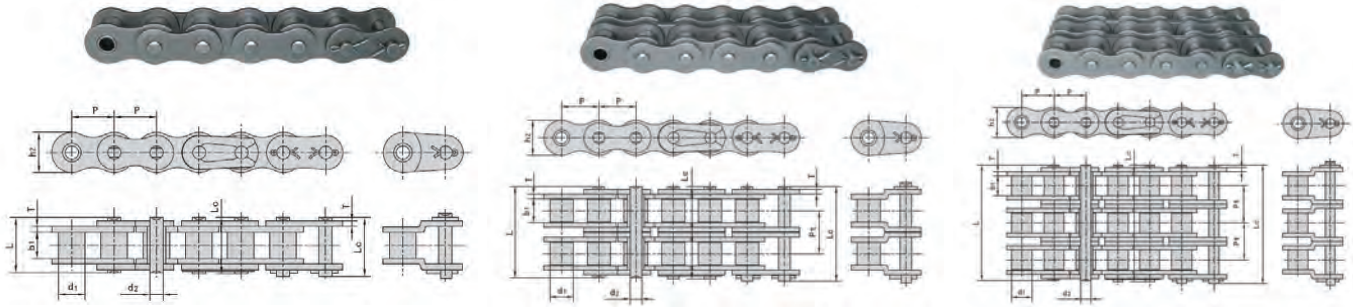
ANSI STANDARD

IDC 120



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Standard Type of Pin	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt		Q min	Q0	q
	in	in	in	in	in	in	in	in	in		lbs	lbs	lbs
IDC 120-1C	1.500	0.875	0.993	0.4370	N/A	2.138	1.406	0.189	N/A	Cottered	28864	35528	12.390
IDC 120-1R	1.500	0.875	0.993	0.4370	1.980	2.138	1.406	0.189	N/A	Riveted	28864	35528	12.390
IDC 120-2R	1.500	0.875	0.993	0.4370	3.772	3.925	1.406	0.189	1.789	Riveted	57727	71578	25.794
IDC 120-3R	1.500	0.875	0.993	0.4370	5.567	5.717	1.406	0.189	1.789	Riveted	86591	99378	38.647

IDC 140



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Standard Type of Pin	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt		Q min	Q0	q
	in	in	in	in	in	in	in	in	in		lbs	lbs	lbs
IDC 140-1C	1.750	1.000	0.993	0.5000	N/A	2.323	1.614	0.220	N/A	Cottered	39182	48189	16.535
IDC 140-1R	1.750	1.000	0.993	0.5000	2.142	2.323	1.614	0.220	N/A	Riveted	39182	48189	16.535
IDC 140-2R	1.750	1.000	0.993	0.5000	4.067	4.248	1.614	0.220	1.924	Riveted	78364	97173	33.378
IDC 140-3R	1.750	1.000	0.993	0.5000	5.992	6.173	1.614	0.220	1.924	Riveted	117545	134860	48.943

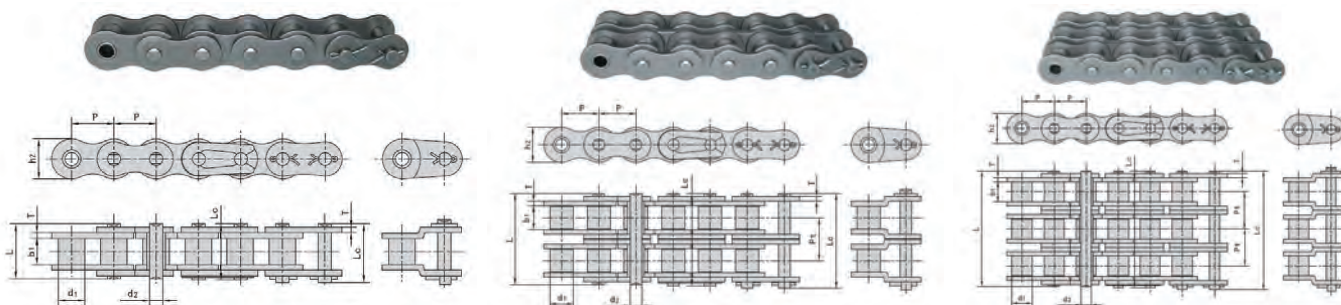
25-80 chain sizes use a spring clip design connecting link, 100 & above are cottered design
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IDC SELECT® ROLLER CHAIN

ANSI STANDARD CHAINS

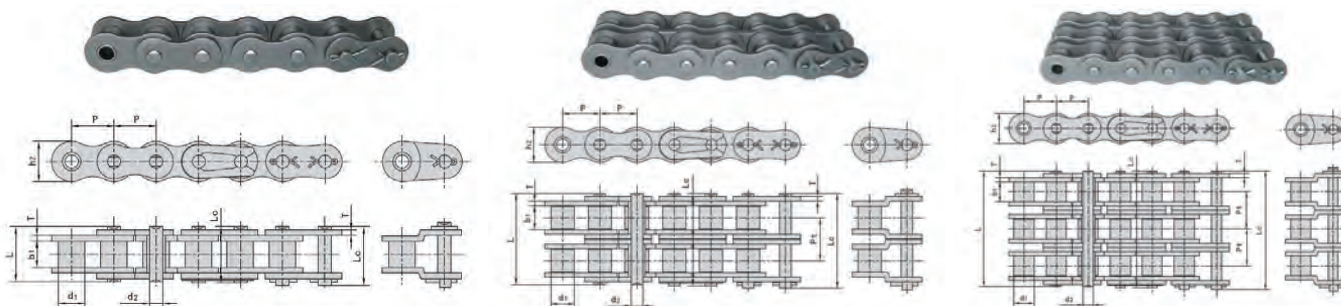
ANSI STANDARD

IDC 160



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Standard Type of Pin	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt		Q min	Q0	q
	in	in	in	in	in	in	in	in	in		lbs	lbs	lbs
IDC 160-1C	2.000	1.125	1.242	0.5618	N/A	2.740	1.882	0.252	N/A	Cottered	51545	63395	22.267
IDC 160-1R	2.000	1.125	1.242	0.5618	2.551	2.740	1.882	0.252	N/A	Riveted	51545	63395	22.267
IDC 160-2R	2.000	1.125	1.242	0.5618	4.854	5.043	1.882	0.252	2.305	Riveted	103091	127836	44.401
IDC 160-3R	2.000	1.125	1.242	0.5618	7.157	7.346	1.882	0.252	2.305	Riveted	154636	177434	66.183

IDC 180



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Standard Type of Pin	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt		Q min	Q0	q
	in	in	in	in	in	in	in	in	in		lbs	lbs	lbs
IDC 180-1C	2.250	1.406	1.397	0.6874	N/A	3.094	2.110	0.283	N/A	Cottered	63682	77693	29.652
IDC 180-1R	2.250	1.406	1.397	0.6874	2.866	3.094	2.110	0.283	N/A	Riveted	63682	77693	29.652
IDC 180-2R	2.250	1.406	1.397	0.6874	5.457	5.685	2.110	0.283	2.592	Riveted	127386	157977	64.419
IDC 180-3R	2.250	1.406	1.397	0.6874	8.047	8.276	2.110	0.283	2.592	Riveted	191068	223577	84.261

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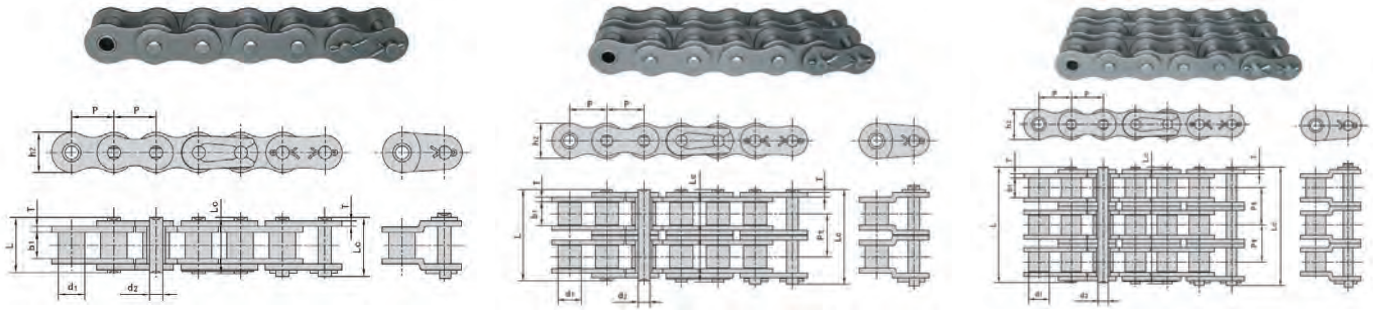
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IDC SELECT® ROLLER CHAIN

ANSI STANDARD CHAINS

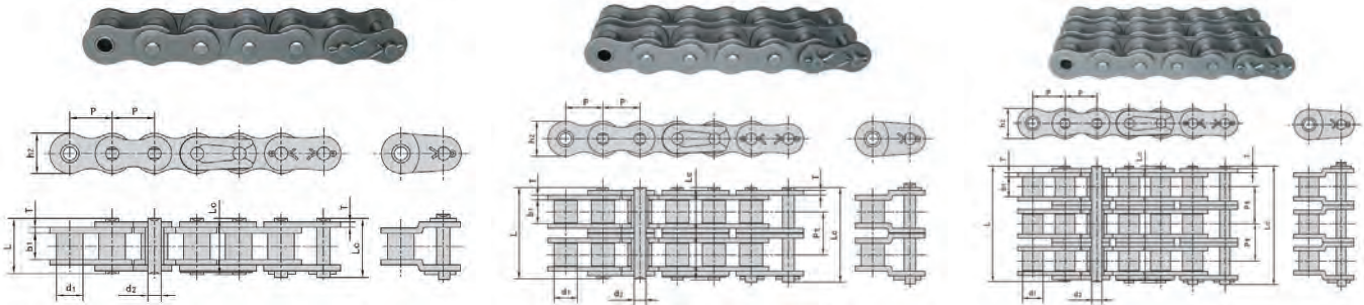
ANSI STANDARD

IDC 200



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Standard Type of Pin	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt		Q min	Q0	q
	in	in	in	in	in	in	in	in	in		lbs	lbs	lbs
IDC 200-1C	2.500	1.562	1.490	0.7815	N/A	3.433	2.362	0.315	N/A	Cottered	80409	98105	35.605
IDC 200-1R	2.500	1.562	1.490	0.7815	3.161	3.433	2.362	0.315	N/A	Riveted	80409	98105	35.605
IDC 200-2R	2.500	1.562	1.490	0.7815	5.980	6.252	2.362	0.315	2.817	Riveted	160818	199437	71.077
IDC 200-3R	2.500	1.562	1.490	0.7815	8.799	9.071	2.362	0.315	2.817	Riveted	241227	276812	108.093

IDC 240



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Standard Type of Pin	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt		Q min	Q0	q
	in	in	in	in	in	in	in	in	in		lbs	lbs	lbs
IDC 240-1C	3.000	1.875	1.864	0.9374	N/A	4.055	2.850	0.374	N/A	Cottered	115977	141497	51.147
IDC 240-1R	3.000	1.875	1.864	0.9374	3.760	4.055	2.850	0.374	N/A	Riveted	115977	141497	51.147
IDC 240-2R	3.000	1.875	1.864	0.9374	7.220	7.512	2.850	0.374	3.458	Riveted	213955	285336	99.715
IDC 240-3R	3.000	1.875	1.864	0.9374	10.681	10.969	2.850	0.374	3.458	Riveted	347932	399261	157.852

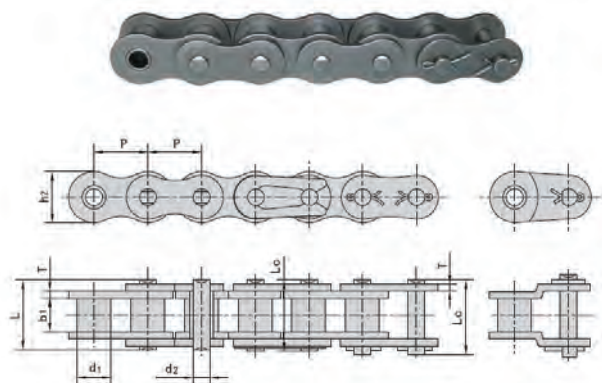
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IDC SELECT® ROLLER CHAIN

HEAVY DUTY CHAINS

ANSI STANDARD

HEAVY DUTY SERIES



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Standard Type of Pin	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt		Q min	Q0	q
	in	in	in	in	in	in	in	in	in		lbs	lbs	lbs
IDC 50H-1R	0.625	0.400	0.370	0.2000	0.874	.921	0.594	0.095	0.000	Riveted	5045	6865	2.756
IDC 60H-1C	0.750	0.469	0.495	0.2339	N/A	1.220	0.709	0.128	N/A	Cottered	7227	9706	4.123
IDC 60H-1R	0.750	0.469	0.495	0.2339	1.150	1.220	0.709	0.128	N/A	Riveted	7227	9706	4.123
IDC 80H-1C	1.000	0.625	0.620	0.3118	N/A	1.484	0.945	0.157	N/A	Cottered	12886	16230	6.834
IDC 80H-1R	1.000	0.625	0.620	0.3118	1.425	1.484	0.945	0.157	N/A	Riveted	12886	16230	6.834
IDC 100H-1C	1.250	0.750	0.744	0.3752	N/A	1.846	1.181	0.189	N/A	Cottered	20114	25549	9.965
IDC 100H-1R	1.250	0.750	0.744	0.3752	1.717	1.846	1.181	0.189	N/A	Riveted	20114	25549	9.965
IDC 120H-1C	1.500	0.875	0.993	0.4370	N/A	2.264	1.406	0.220	N/A	Cottered	28864	36573	14.551
IDC 120H-1R	1.500	0.875	0.993	0.4370	2.106	2.264	1.406	0.220	N/A	Riveted	28864	36573	14.551
IDC 120H-1C	1.500	0.875	0.993	0.4370	N/A	2.264	1.406	0.220	N/A	Cottered	28864	36573	14.551
IDC 140H-1C	1.750	1.000	0.993	0.5000	N/A	2.449	1.614	0.252	N/A	Cottered	39182	49393	18.298
IDC 140H-1R	1.750	1.000	0.993	0.5000	2.268	2.449	1.614	0.252	N/A	Riveted	39182	49393	18.298
IDC 160H-1C	2.000	1.125	1.242	0.5618	N/A	2.874	1.882	0.283	N/A	Cottered	51545	64964	22.708
IDC 160H-1R	2.000	1.125	1.242	0.5618	2.685	2.874	1.882	0.283	N/A	Riveted	51545	64964	22.708
IDC 180H-1C	2.250	1.406	1.397	0.6874	N/A	3.213	2.110	0.315	N/A	Cottered	63863	77693	32.695
IDC 180H-1R	2.250	1.406	1.397	0.6874	2.988	3.213	2.110	0.315	N/A	Riveted	63863	77693	32.695
IDC 200H-1C	2.500	1.562	1.490	0.7815	N/A	3.681	2.362	0.374	N/A	Cottered	80409	101037	42.241
IDC 200H-1R	2.500	1.562	1.490	0.7815	3.409	3.681	2.362	0.374	N/A	Riveted	80409	101037	42.241
IDC 240H-1C	3.000	1.875	1.864	0.9374	N/A	4.563	2.846	0.500	N/A	Cottered	115977	141497	67.021
IDC 240H-1R	3.000	1.875	1.864	0.9374	4.315	4.563	2.846	0.500	N/A	Riveted	115977	141497	67.021

25-80 chain sizes use a spring clip design connecting link, 100 & above are cottered design
 Part numbers ending in R = riveted and part numbers ending in C = cottered

section 2:

BRITISH STANDARD CHAINS

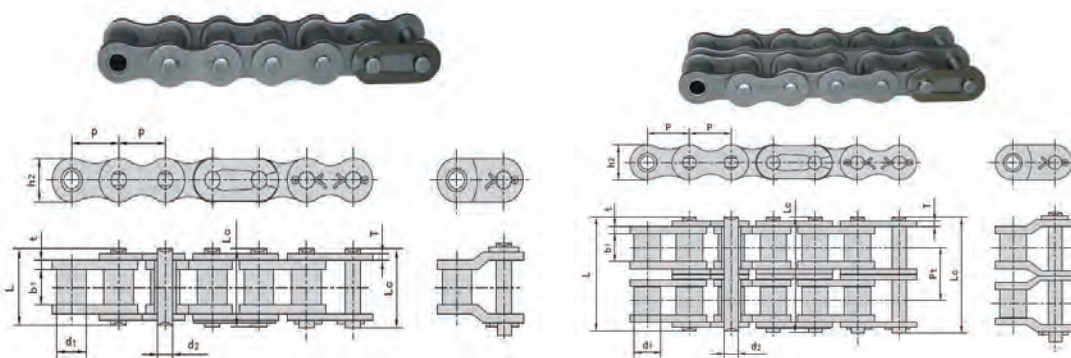
IDC Select® British Standard roller chain is made in accordance with ISO 606B, BS228, and DIN 8187 standards and are manufactured with a solid bushing/solid roller design. While resembling standard ANSI roller chains, British standard chains are dimensionally different and in general do not run on standard ANSI sprockets.

BRITISH STANDARD



IDC SELECT® ROLLER CHAIN

BRITISH STANDARD CHAINS

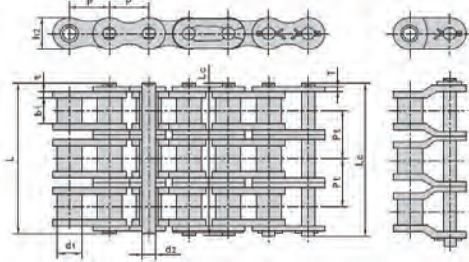


Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt	Q min	Q0	q
	in	in	in	in	in	in	in	in	in	lbs	lbs	lbs
SINGLE STRAND												
IDC 04B-1R	0.236	0.157	0.110	0.0728	0.268	0.307	0.197	0.024	N/A	682	718	0.243
IDC 05B-1R	0.315	0.197	0.118	0.0909	0.323	0.350	0.280	0.031	N/A	1136	1323	0.441
IDC 06B-1R	0.375	0.250	0.225	0.1291	0.518	0.555	0.323	0.051	N/A	2045	2333	0.904
IDC 08B-1R	0.500	0.335	0.305	0.1752	0.657	0.717	0.465	0.063	N/A	4091	4352	1.521
IDC 10B-1R	0.625	0.400	0.380	0.2000	0.768	0.823	0.579	0.067	N/A	5091	6168	2.050
IDC 12B-1R	0.750	0.475	0.460	0.2252	0.886	0.953	0.630	0.073	N/A	6591	7223	2.535
IDC 16B-1R	1.000	0.625	0.670	0.3260	1.421	1.472	0.827	.163/.122	N/A	3636	16329	5.975
IDC 20B-1R	1.250	0.750	0.770	0.4012	1.626	1.772	1.039	.177/.138	N/A	21591	23933	8.157
IDC 24B-1R	1.500	1.000	1.000	0.5760	2.102	2.276	1.307	.236/.189	N/A	36364	39926	15.653
IDC 28B-1R	1.750	1.100	1.220	0.6260	2.563	2.736	1.445	.295/.236	N/A	56818	62245	22.597
IDC 32B-1R	2.000	1.150	1.220	0.7012	2.598	2.795	1.654	.276/.236	N/A	56818	62245	22.597
IDC 40B-1R	2.500	1.550	1.500	0.9012	3.236	3.512	2.085	.335/.315	N/A	80682	88376	36.046
IDC 48B-1R	3.000	1.900	1.800	1.1512	3.902	4.213	2.512	.472/.394	N/A	127272	139428	55.116
DOUBLE STRAND												
IDC 05B-2R	0.315	0.197	0.118	0.0909	0.547	0.571	0.280	0.031	0.222	1773	2288	0.728
IDC 06B-2R	0.375	0.250	0.225	0.1291	0.921	0.961	0.323	0.051	0.403	3841	4195	1.698
IDC 08B-2R	0.500	0.335	0.305	0.1752	1.220	1.268	0.465	0.063	0.548	7273	8681	2.954
IDC 10B-2R	0.625	0.400	0.380	0.2000	1.421	1.476	0.579	0.067	0.653	10114	12606	4.057
IDC 12B-2R	0.750	0.475	0.460	0.2252	1.654	1.717	0.630	0.073	0.766	13136	14827	5.093
IDC 16B-2R	1.000	0.625	0.670	0.3260	2.677	2.728	0.827	.163/.122	1.255	24091	29833	11.949
IDC 20B-2R	1.250	0.750	0.770	0.4012	3.063	3.209	1.039	.177/.138	1.435	38636	47351	15.873
IDC 24B-2R	1.500	1.000	1.000	0.5760	4.004	4.181	1.307	.236/.189	1.904	63636	71598	29.542
IDC 28B-2R	1.750	1.100	1.220	0.6260	4.906	5.083	1.445	.295/.236	2.345	81818	91247	36.597
IDC 32B-2R	2.000	1.150	1.220	0.7012	4.906	5.102	1.654	.276/.236	2.305	102273	114059	46.297
IDC 40B-2R	2.500	1.550	1.500	0.9012	6.083	6.358	2.085	.335/.315	2.846	143182	159683	70.548
IDC 48B-2R	3.000	1.900	1.800	1.1512	7.496	7.803	2.512	.472/.394	3.591	363635	394777	157.586

04B-16B chain sizes use a spring clip design connecting link, 20B & above are cottered design
Part numbers ending in R = riveted and part numbers ending in C = cottered

IDC SELECT® ROLLER CHAIN

BRITISH STANDARD CHAINS



BRITISH STANDARD

Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt	Q min	Q0	q
	in	in	in	in	in	in	in	in	in	lbs	lbs	lbs
TRIPLE STRAND												
IDC 06B-3R	0.375	0.250	0.225	0.1291	1.319	1.362	0.323	0.051	0.403	5659	6752	2.557
IDC 08B-3R	0.500	0.335	0.305	0.1752	1.776	1.815	0.465	0.063	0.548	10795	12965	4.475
IDC 10B-3R	0.625	0.400	0.380	0.2000	2.075	2.130	0.555	0.067	0.653	15159	18954	6.107
IDC 12B-3R	0.750	0.475	0.460	0.2252	2.421	2.484	0.630	0.073	0.766	19705	22834	7.628
IDC 16B-3R	1.000	0.625	0.670	0.3260	3.929	3.984	0.827	.163/.122	1.255	36364	45691	17.924
IDC 20B-3R	1.250	0.750	0.770	0.4012	4.496	4.642	1.039	.177/.138	1.435	56818	65048	23.854
IDC 24B-3R	1.500	1.000	1.000	0.5760	5.909	6.087	1.307	.236/.189	1.904	96591	110582	44.313
IDC 28B-3R	1.750	1.100	1.220	0.6260	7.252	7.429	1.445	.295/.236	2.305	152273	172827	69.578
IDC 32B-3R	2.000	1.150	1.220	0.7012	7.213	7.409	1.654	.276/.236	2.305	152273	172827	69.578
IDC 40B-3R	2.500	1.550	1.500	0.9012	8.929	9.205	2.085	.335/.315	2.846	215909	245053	106.042
IDC 48B-3R	3.000	1.900	1.800	1.1512	11.087	11.394	2.512	.472/.394	3.591	340909	383562	165.347

04B-16B chain sizes use a spring clip design connecting link, 20B & above are cottered design
Part numbers ending in R = riveted and part numbers ending in C = cottered

IDC SELECT® ROLLER CHAIN

BRITISH STANDARD CHAINS

IDC Select® British Standard roller chain is made in accordance with ISO 606B, BS228, and DIN 8187 standards and are manufactured with a solid bushing/solid roller design. While resembling standard ANSI roller chains, British standard chains are dimensionally different and in general do not run on standard ANSI sprockets.

BRITISH STANDARD



section 3:

CORROSION RESISTANT CHAIN

IDC Select® corrosion resistant chain comes in nickel plated and stainless steel varieties.

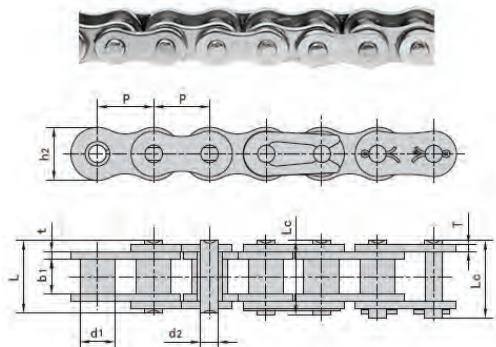
IDC Select® stainless steel roller chain is manufactured using 300 series stainless steel with a split bushing/solid roller design. These chains are designed to be used in environments that are highly acidic or alkaline. They can also be used where the chain is exposed to moisture or in extreme temperatures where resistance to corrosion is a requirement of the application.

IDC Select® nickel plated chains are solid bushing/solid roller design. All the individual components are plated prior to assembly to provide uniform coverage. These chains are ideal for outdoor service as well as mildly corrosive applications.



IDC SELECT® CORROSION RESISTANT CHAIN

NICKEL PLATED CHAINS



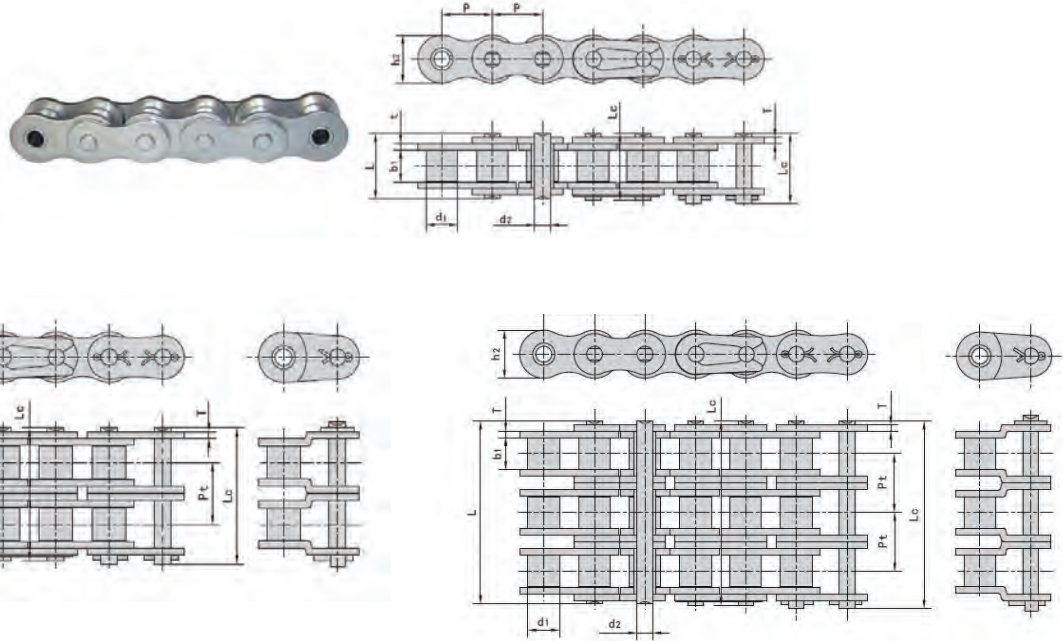
Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min	Q0	q
	in	in	in	in	in	in	in	in	lbs	lbs	lbs
IDC 35NP-1R	0.375	0.200	0.188	0.1409	0.488	0.519	0.354	0.051	1795	N/A	0.728
IDC 40NP-1R	0.500	0.313	0.309	0.1559	0.654	0.701	0.472	0.059	3205	N/A	1.367
IDC 41NP-1R	0.500	0.306	0.246	0.1409	0.541	0.591	0.390	0.051	1516	N/A	0.904
IDC 50NP-1R	0.625	0.400	0.370	0.2000	0.815	0.874	0.594	0.080	5045	N/A	2.249
IDC 60NP-1R	0.750	0.469	0.495	0.2339	1.020	1.091	0.709	0.095	7227	N/A	3.307
IDC 80NP-1R	1.000	0.625	0.620	0.3118	1.287	1.378	0.945	0.128	12886	N/A	5.732

25-80 chain sizes use a spring clip design connecting link, 100 & above are cottered design
 Part numbers ending in R = riveted and part numbers ending in C = cottered

CORROSION RESISTANT

IDC SELECT® CORROSION RESISTANT CHAIN

STAINLESS STEEL CHAINS



CORROSION RESISTANT

Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Breaking load	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt	Q	q
	in	in	in	in	in	in	in	in	in	lbs	lbs
IDC 25SS-1R	0.250	0.130	0.125	0.0909	0.311	0.331	0.236	0.031	N/A	955	0.331
IDC 25SS-2R	0.250	0.130	0.125	0.0909	0.571	0.591	0.236	0.031	0.252	955	0.617
IDC 35SS-1R	0.375	0.200	0.188	0.1409	0.488	0.519	0.354	0.051	N/A	2159	0.728
IDC 35SS-2R	0.375	0.200	0.188	0.1409	0.886	0.917	0.354	0.051	0.399	2159	1.389
IDC 35SS-3R	0.375	0.200	0.188	0.1409	1.287	1.319	0.354	0.051	0.399	3228	2.315
IDC 40SS-1R	0.500	0.313	0.309	0.1559	0.654	0.701	0.472	0.059	N/A	3796	1.367
IDC 40SS-2R	0.500	0.313	0.191	0.1559	1.220	1.268	0.472	0.059	0.566	3796	2.469
IDC 40SS-3R	0.500	0.313	0.309	0.1559	1.787	1.835	0.472	0.059	0.566	5728	4.189
IDC 50SS-1R	0.625	0.400	0.370	0.2000	0.815	0.874	0.594	0.080	N/A	6819	2.249
IDC 50SS-2R	0.625	0.400	0.370	0.2000	1.531	1.591	0.594	0.080	0.713	6819	4.409
IDC 50SS-3R	0.625	0.400	0.370	0.2000	2.244	2.303	0.594	0.080	0.713	8910	6.812
IDC 60SS-1R	0.750	0.469	0.495	0.2339	1.020	1.091	0.709	0.095	N/A	8547	3.307
IDC 60SS-2R	0.750	0.469	0.495	0.2339	1.921	1.988	0.709	0.095	0.897	8547	6.437
IDC 60SS-3R	0.750	0.469	0.495	0.2339	2.815	2.886	0.709	0.095	0.897	12797	10.009
IDC 80SS-1R	1.000	0.625	0.620	0.3118	1.287	1.378	0.945	0.128	N/A	15161	5.732
IDC 80SS-2R	1.000	0.625	0.620	0.3118	2.469	2.531	0.945	0.128	1.153	15161	11.354
IDC 80SS-3R	1.000	0.625	0.620	0.3118	3.610	3.685	0.945	0.128	1.153	22753	17.394
IDC 100SS-1R	1.250	0.750	0.744	0.3752	1.591	1.760	1.181	0.157	N/A	23731	8.620
IDC 100SS-2R	1.250	0.750	0.744	0.3752	3.008	3.169	1.181	0.157	1.408	23731	17.196
IDC 100SS-3R	1.250	0.750	0.744	0.3752	4.417	4.579	1.181	0.157	1.408	35596	25.948

25-80 chain sizes use a spring clip design connecting link, 100 & above are cottered design
 Part numbers ending in R = riveted and part numbers ending in C = cottered

IDC SELECT® CORROSION RESISTANT CHAIN

STAINLESS STEEL CHAINS

IDC Select® corrosion resistant chain comes in nickel plated and stainless steel varieties.

IDC Select® stainless steel roller chain is manufactured using 300 series stainless steel with a split bushing/solid roller design. These chains are designed to be used in environments that are highly acidic or alkaline. They can also be used where the chain is exposed to moisture or in extreme temperatures where resistance to corrosion is a requirement of the application.

IDC Select® nickel plated chains are solid bushing/solid roller design. All the individual components are plated prior to assembly to provide uniform coverage. These chains are ideal for outdoor service as well as mildly corrosive applications.

CORROSION RESISTANT



section 4:

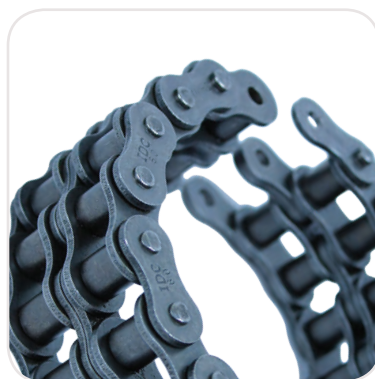
SPECIALTY CHAIN

IDC Select® specialty chains include leaf, hollow pin, agricultural, citrus and coupling chains. Each has its own unique features and benefits with the same level of quality you have come to expect of IDC Select® roller chain.

IDC Select® leaf chains generally have greater tensile strength than roller chain and run over a sheave versus a sprocket. The BL series chain was designed for moderate to heavy duty applications. They are most often utilized in counterweight applications for machine tools, elevator and oven doors, fork lift truck masts and similar lifting or balancing applications.

IDC Select® hollow pin chain facilitates fixing attachments to outer links by bolting through the hollow pin and is suitable for use in all normal conditions.

IDC Select® offers citrus processing chains that have been engineered to meet these specialized demands. The conveyor chain, with D-5A & D-5B attachments, is used in washing, sorting, and inspection lines.



IDC SELECT® SPECIALTY CHAIN

LEAF CHAINS

LEAF CHAINS

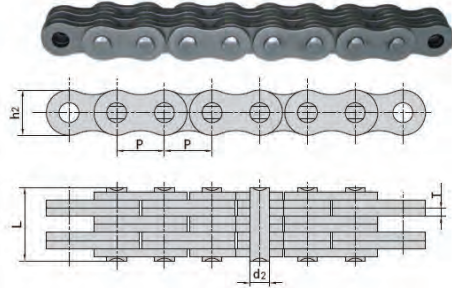
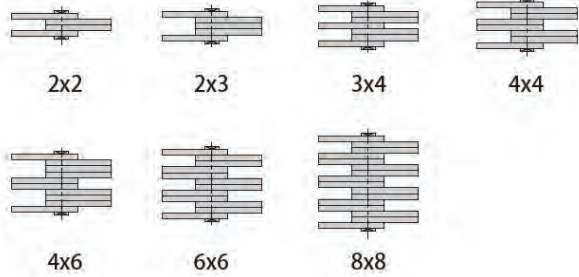


Plate lacing



Part No.	Pitch	Plate lacing	Pin diameter	Pin length	Inner plate depth	Plate thickness	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P		d2 max	L max	h2 max	T max	Q min	Q0	q
	in		in	in	in	in	lbs	lbs	lbs
IDC BL422-050	0.500	2 x 2	0.2004	0.435	0.475	0.082	5045	6274	1.411
IDC BL423-050	0.500	2 x 3	0.2004	0.518	0.475	0.082	5045	6274	1.764
IDC BL434-050	0.500	3 x 4	0.2004	0.685	0.475	0.082	7591	9410	2.469
IDC BL444-050	0.500	4 x 4	0.2004	0.768	0.475	0.082	10114	12729	2.822
IDC BL446-050	0.500	4 X 6	0.2004	0.935	0.475	0.082	10114	12729	3.527
IDC BL466-050	0.500	6 X 6	0.2004	1.102	0.475	0.082	15159	18571	4.233
IDC BL488-050	0.500	8 x 8	0.2004	1.435	0.475	0.082	20227	24867	5.644
IDC BL522-050	0.625	2 x 2	0.2346	0.508	0.594	0.096	7591	9797	1.940
IDC BL523-050	0.625	2 x 3	0.2346	0.605	0.594	0.096	7591	9797	2.425
IDC BL534-050	0.625	3 x 4	0.2346	0.800	0.594	0.096	11114	14911	3.307
IDC BL544-050	0.625	4 x 4	0.2346	0.897	0.594	0.096	15159	19207	3.968
IDC BL546-050	0.625	4 x 6	0.2346	1.092	0.594	0.096	15159	19207	4.850
IDC BL566-050	0.625	6 x 6	0.2346	1.287	0.594	0.096	22750	28436	5.842
IDC BL588-050	0.625	8 x 8	0.2346	1.676	0.594	0.096	30318	38528	7.716
IDC BL622-050	0.750	2 x 2	0.3126	0.684	0.713	0.130	11114	14457	3.197
IDC BL623-050	0.750	2 x 3	0.3126	0.816	0.713	0.130	11114	14457	3.968
IDC BL634-050	0.750	3 x 4	0.3126	1.080	0.713	0.130	17181	23367	5.512
IDC BL644-050	0.750	4 x 4	0.3126	1.212	0.713	0.130	22250	27481	6.393
IDC BL646-050	0.750	4 x 6	0.3126	1.476	0.713	0.130	22250	27481	7.937
IDC BL666-050	0.750	6 x 6	0.3126	1.740	0.713	0.130	33364	43370	9.480
IDC BL688-050	0.750	8 x 8	0.3126	2.268	0.713	0.130	44477	54280	12.787
IDC BL822-050	1.000	2 x 2	0.3756	0.840	0.950	0.161	19204	24594	4.850
IDC BL823-050	1.000	2 x 3	0.3756	1.003	0.950	0.161	19204	24594	5.952
IDC BL834-050	1.000	3 x 4	0.3756	1.329	0.950	0.161	29318	38642	8.378
IDC BL844-050	1.000	4 x 4	0.3756	1.492	0.950	0.161	38409	48780	9.480
IDC BL846-050	1.000	4 x 6	0.3756	1.818	0.950	0.161	38409	48780	11.905
IDC BL866-050	1.000	6 x 6	0.3756	2.144	0.950	0.161	57636	73760	14.330

SPECIALTY

IDC SELECT® SPECIALTY CHAIN

LEAF CHAINS

LEAF CHAINS

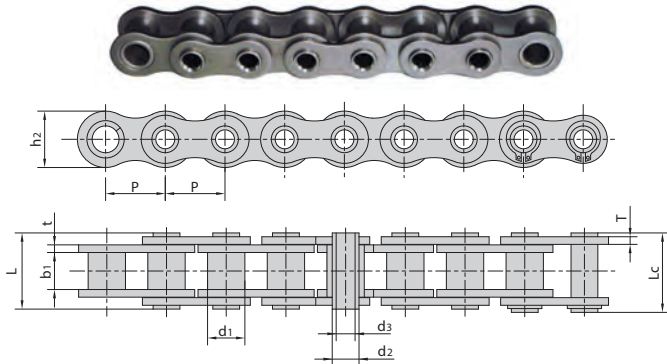
Part No.	Pitch	Plate lacing	Pin diameter	Pin length	Inner plate depth	Plate thickness	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P		d2 max	L max	h2 max	T max	Q min	Q0	q
	in		in	in	in	in	lbs	lbs	lbs
IDC BL888-050	1.000	8 x 8	0.3756	2.796	0.950	0.161	76841	98355	18.960
IDC BL1022-050	1.250	2 x 2	0.4374	0.999	1.188	0.193	26272	34278	7.496
IDC BL1023-050	1.250	2 x 3	0.4374	1.194	1.188	0.193	26272	34278	9.480
IDC BL1034-050	1.250	3 x 4	0.4374	1.584	1.188	0.193	41454	52644	13.228
IDC BL1044-050	1.250	4 x 4	0.4374	1.779	1.188	0.193	52568	66237	15.212
IDC BL1046-050	1.250	4 x 6	0.4374	2.169	1.188	0.193	52568	66237	18.960
IDC BL1066-050	1.250	6 x 6	0.4374	2.559	1.188	0.193	78863	97809	22.708
IDC BL1088-050	1.250	8 x 8	0.4374	3.339	1.188	0.193	105136	126177	30.424
IDC BL1222-050	1.500	2 x 2	0.5004	1.166	1.425	0.227	34363	43643	10.141
IDC BL1223-050	1.500	2 x 3	0.5004	1.395	1.425	0.227	34363	43643	12.787
IDC BL1234-050	1.500	3 x 4	0.5004	1.853	1.425	0.227	55591	71806	17.857
IDC BL1244-050	1.500	4 x 4	0.5004	2.082	1.425	0.227	67850	86626	20.503
IDC BL1246-050	1.500	4 x 6	0.5004	2.540	1.425	0.227	68750	86626	25.574
IDC BL1266-050	1.500	6 x 6	0.5004	2.998	1.425	0.227	103113	123563	30.644
IDC BL1288-050	1.500	8 x 8	0.5004	3.914	1.425	0.227	137500	165023	41.006
IDC BL1422-050	1.750	2 x 2	0.5626	1.321	1.663	0.258	43477	51303	13.448
IDC BL1423-050	1.750	2 x 3	0.5626	1.581	1.663	0.258	43477	51303	16.755
IDC BL1434-050	1.750	3 x 4	0.5626	2.101	1.663	0.258	71772	84694	23.369
IDC BL1444-050	1.750	4 x 4	0.5626	2.361	1.663	0.258	86954	102560	26.896
IDC BL1446-050	1.750	4 x 6	0.5626	2.881	1.663	0.258	86954	102560	33.510
IDC BL1466-050	1.750	6 x 6	0.5626	3.401	1.663	0.258	131431	155113	40.124
IDC BL1488-050	1.750	8 x 8	0.5626	4.441	1.663	0.258	173886	205211	53.572
IDC BL1622-050	2.000	2 x 2	0.6874	1.536	1.900	0.296	65704	77534	17.637
IDC BL1623-050	2.000	2 x 3	0.6874	1.834	1.900	0.296	65704	77534	22.046
IDC BL1634-050	2.000	3 x 4	0.6874	2.430	1.900	0.296	100091	118108	30.865
IDC BL1644-050	2.000	4 x 4	0.6874	2.728	1.900	0.296	131431	154658	35.274
IDC BL1646-050	2.000	4 x 6	0.6874	3.324	1.900	0.296	131431	154658	44.092
IDC BL1666-050	2.000	6 x 6	0.6874	3.920	1.900	0.296	194863	227464	52.911
IDC BL1688-050	2.000	8 x 8	0.6874	5.112	1.900	0.296	262841	310180	70.548
IDC BL2022-050	2.500	2 x 2	0.9374	2.037	2.375	0.390	98568	116312	34.833
IDC BL2023-050	2.500	2 x 3	0.9374	2.429	2.375	0.390	98568	116312	43.651
IDC BL2034-050	2.500	3 x 4	0.9374	3.213	2.375	0.390	147590	174161	61.068
IDC BL2044-050	2.500	4 x 4	0.9374	3.605	2.375	0.390	197163	232647	69.666
IDC BL2046-050	2.500	4 x 6	0.9374	4.389	2.375	0.390	197163	232647	87.082
IDC BL2066-050	2.500	6 x 6	0.9374	5.173	2.375	0.390	295704	348959	104.499
IDC BL2088-050	2.500	8 x 8	0.9374	6.741	2.375	0.390	394272	465180	139.332

SPECIALTY

IDC SELECT® SPECIALTY CHAIN

HOLLOW PIN CHAINS

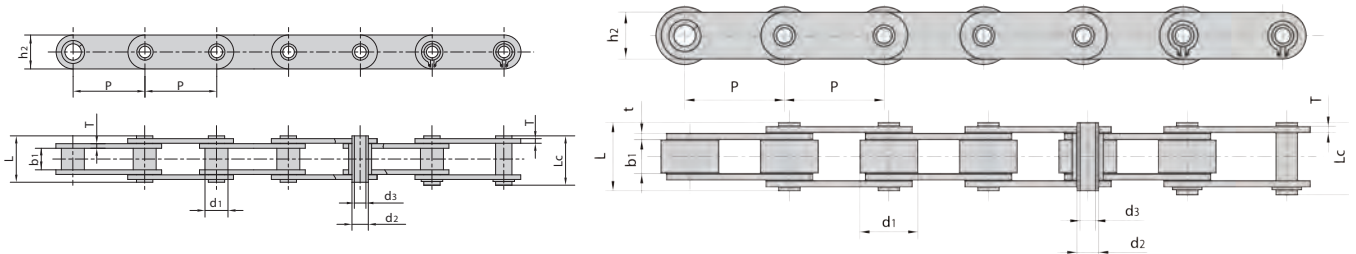
SINGLE PITCH HOLLOW PIN CHAINS



Part No.	Pitch	Bushing Diameter	Width between inner plates	Pin diameter		Pin length		Inner plate depth	Plate thickness	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	d3 min	L max	Lc max	h2 max	T max	Q min	Q0	q
	in	in	in	in	in	in	in	in	in	lbs	lbs	lbs
IDC 40HP	0.50	0.313	0.309	0.2217	0.1575	0.650	0.693	0.472	0.059	2500	2773	1.190
IDC 50HP	0.63	0.400	0.370	0.2768	0.2020	0.815	0.862	0.594	0.080	4545	5137	2.006
IDC 60HP	0.75	0.469	0.500	0.0000	0.2362	1.016	1.055	0.709	0.095	5455	6115	2.844
IDC 80HP	1.00	0.625	0.620	0.4488	0.3169	1.280	1.331	0.945	0.128	11364	11820	4.982

Circle clip design connecting link. d2 indicates outer diameter, d3 indicates inner diameter.

DOUBLE PITCH HOLLOW PIN CHAINS



Part No.	Pitch	Bushing Diameter	Width between inner plates	Pin diameter		Pin length		Inner plate depth	Plate thickness	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	d3 min	L max	Lc max	h2 max	T max	Q min	Q0	q
	in	in	in	in	in	in	in	in	in	lbs	lbs	lbs
IDC C2040HP	1.00	0.313	0.309	0.2217	0.1575	0.650	0.693	0.472	0.059	2500	2864	1.014
IDC C2050HP	1.25	0.400	0.370	0.2843	0.2016	0.807	0.858	0.591	0.080	4636	5183	1.676
IDC C2060HP	1.50	0.469	0.500	0.3272	0.2362	1.016	1.055	0.669	0.095	5455	6160	2.249
IDC C2080HP	2.00	0.625	0.620	0.4488	0.3169	1.280	1.331	0.945	0.128	11364	11820	3.990
IDC C2042HP	1.00	0.625	0.309	0.2217	0.1575	0.650	0.693	0.472	0.059	2500	2864	1.720
IDC C2052HP	1.25	0.750	0.375	0.2843	0.2016	0.807	0.858	0.591	0.080	4636	5183	2.756
IDC C2062HP	1.50	0.875	0.500	0.3272	0.2362	1.016	1.055	0.669	0.095	5455	6160	3.792
IDC C2082HP	2.00	1.125	0.620	0.4488	0.3169	1.276	1.331	0.945	0.128	11364	11820	6.217

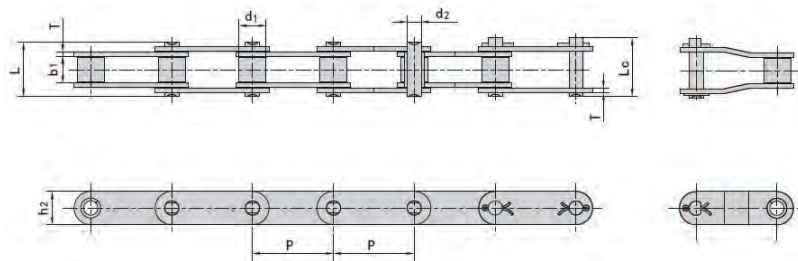
Circle clip design connecting link. d2 indicates outer diameter, d3 indicates inner diameter.



IDC SELECT® SPECIALTY CHAIN

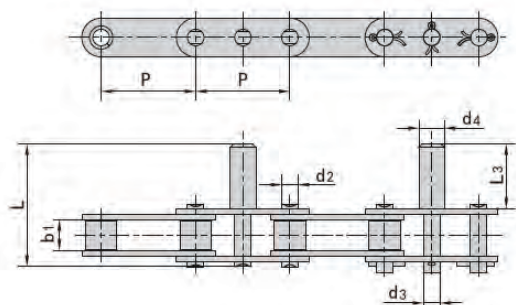
AGRICULTURAL & CITRUS CHAINS

AGRICULTURAL CHAINS



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min	Q0	q
	in	in	in	in	in	in	in	in	lbs	lbs	lbs
IDC CA550	1.630	0.664	0.780	0.2831	1.378	1.496	0.760	0.110	8886	11638	4.277
IDC CA555	1.630	0.664	0.500	0.2831	1.146	1.260	0.760	0.122	8886	12729	3.792
IDC CA557	1.630	0.700	0.797	0.3150	1.472	1.598	0.909	0.122	12639	16889	5.732
IDC CA620	1.654	0.705	0.965	0.2831	1.646	1.780	0.795	0.128	8886	12525	5.181
IDC CA650	2.000	0.984	0.744	0.3752	1.591	1.760	0.984	0.157	20454	21708	7.694

CITRUS CHAINS



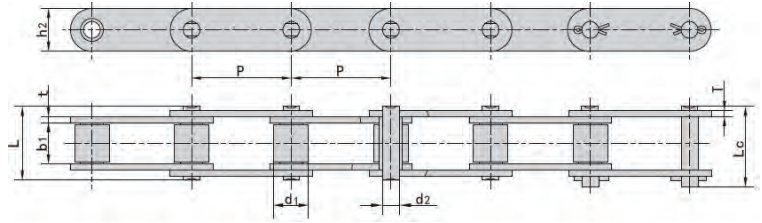
Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min	Q0	q
	in	in	in	in	in	in	in	in	lbs	lbs	lbs
IDC C2060HR-D5A	1.500	0.469	0.495	0.2339	1.020	1.091	0.709	0.095	7227	8365	2.469
IDC C2060HR-D5B	1.500	0.469	0.495	0.2339	1.020	1.091	0.709	0.095	7227	8365	2.469

Cottered design connecting link

IDC SELECT® SPECIALTY CHAIN

LUMBER CHAINS

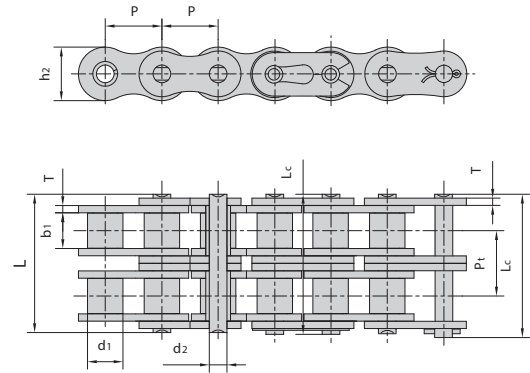
LUMBER CHAINS



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min	Q0	q
	in	in	in	in	in	in	in	in	lbs	lbs	lbs
IDC 81X	2.609	0.906	1.063	0.4370	1.929	2.106	1.122	0.157	24250	29300	8.333
IDC 81X-RT	2.609	0.906	1.063	0.4370	1.929	2.106	1.122	0.157	24250	29300	8.333
IDC 81XH	2.609	0.906	1.094	0.4370	2.390	2.563	1.234	.313/.217	34523	39937	12.963
IDC 81XHH	2.609	0.906	1.094	0.4370	2.583	2.756	1.234	0.313	43432	48325	14.771

Cottered design connecting link

COUPLING CHAINS



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per piece
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt	Q min	Q0	q
	in	in	in	in	in	in	in	in	in	lbs	lbs	lbs
IDC 4012CC	0.500	0.313	0.309	0.1559	1.220	1.268	0.472	0.059	0.566	6409	8160.25	0.353
IDC 4016CC	0.500	0.313	0.309	0.1559	1.220	1.268	0.472	0.059	0.566	6409	8160.25	0.463
IDC 4020CC	0.500	0.313	0.309	0.1559	1.220	1.268	0.472	0.059	0.566	6409	8160.25	0.463
IDC 5012CC	0.625	0.400	0.370	0.2000	1.531	1.591	0.594	0.080	0.713	10091	13206.42	1.080
IDC 5016CC	0.625	0.400	0.370	0.2000	1.531	1.591	0.594	0.080	0.713	10091	13206.42	1.235
IDC 5018CC	0.625	0.400	0.370	0.2000	1.531	1.591	0.594	0.080	0.713	10091	13206.42	1.389
IDC 6018CC	0.750	0.469	0.495	0.2339	1.921	1.988	0.709	0.095	0.897	14455	18661.74	2.205
IDC 6020CC	0.750	0.469	0.495	0.2339	1.921	1.988	0.709	0.095	0.897	14455	18661.74	2.447
IDC 6022CC	0.750	0.469	0.495	0.2339	1.921	1.988	0.709	0.095	0.897	14455	18661.74	2.690
IDC 8018CC	1.000	0.625	0.620	0.3118	2.469	2.531	0.945	0.128	1.153	25773	32231.85	5.181
IDC 8020CC	1.000	0.625	0.620	0.3118	2.469	2.531	0.945	0.128	1.153	25773	32231.85	5.776
IDC 10020CC	1.250	0.750	0.744	0.3752	3.008	3.169	1.181	0.157	1.408	40227	49870.72	10.913
IDC 12018CC	1.500	0.875	0.993	0.4370	3.772	3.925	1.406	0.189	1.789	57727	71578.34	17.946

SPECIALTY



section 5:

DOUBLE PITCH CHAIN

Drives series “A”: IDC Select® double pitch drive chain provides an economical solution for drives where speeds are low, center distances are longer, and loads are low to moderate. The component parts of the chain are similar to ANSI standard chain, but the “figure eight” style side plates are twice the pitch of their ANSI counterparts. Double pitch chain is lighter, more economical, and tends to have a shorter wear life than the standard ANSI series. Drive series double pitch chain is designated with the prefix “A”.

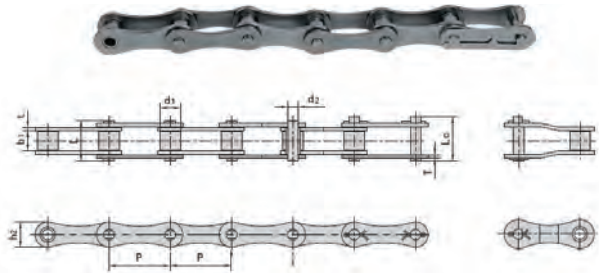
Conveyor series “C”: IDC Select® double pitch conveyor chain is ideally suited for light to medium duty material handling applications. This chain is available in standard roller and large roller series. C2000 series chain has standard size rollers that are the same diameter as ANSI standard chain of half the pitch with straight side plates. C2202 series chain is identical to the C2000 series with the exception that it has large, oversized rollers which project beyond the side plates to produce a rolling action.



IDC SELECT® ROLLER CHAIN

DOUBLE PITCH ROLLER CHAINS

DOUBLE PITCH ROLLER CHAINS



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Transverse pitch	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Pt	Q min	Q0	q
	in	in	in	in	in	in	in	in	in	lbs	lbs	lbs
IDC A2040-1R	1.000	0.313	0.309	0.1559	0.654	0.701	0.472	0.059	N/A	3205	3796	0.926
IDC A2050-1R	1.250	0.400	0.370	0.2000	0.815	0.874	0.591	0.080	N/A	5405	6387	1.609
IDC A2060-1R	1.500	0.469	0.495	0.2339	1.020	1.091	0.709	0.095	N/A	7227	8365	2.249
IDC A2080-1R	2.000	0.625	0.620	0.3118	1.425	1.551	0.945	0.128	N/A	12886	14934	3.748

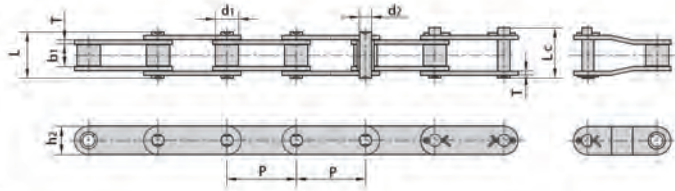
A2040-A2060 chain sizes use a spring clip design connecting link, A2080 & above are cottered design
 Part numbers ending in R = riveted and part numbers ending in C = cottered

IDC SELECT® ROLLER CHAIN

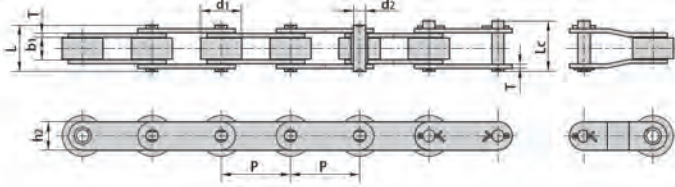
DOUBLE PITCH CONVEYOR CHAINS

DOUBLE PITCH CONVEYOR CHAIN

Small Roller Type



Large Roller Type



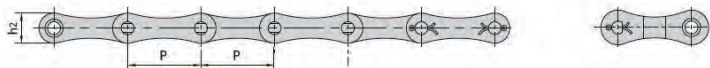
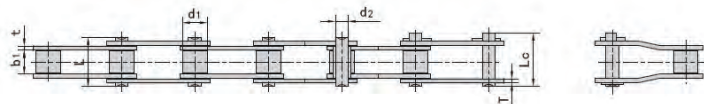
Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min	Q0	q
	in	in	in	in	in	in	in	in	lbs	lbs	lbs
IDC C2040-1R	1.00	0.313	0.309	0.1559	0.654	0.701	0.472	0.059	3205	3796	1.102
IDC C2050-1R	1.25	0.400	0.370	0.2000	0.815	0.874	0.591	0.080	5045	6387	1.720
IDC C2060-1R	1.50	0.469	0.495	0.2339	1.020	1.091	0.709	0.095	7227	8365	2.469
IDC C2080-1R	2.00	0.625	0.620	0.3118	1.287	1.437	0.945	0.128	2886	14934	4.586
IDC C2100-1R	2.50	0.750	0.744	0.3752	1.591	1.760	1.181	0.157	20114	23321	6.636
IDC C2120-1R	3.00	0.875	0.993	0.8740	1.980	2.138	1.406	0.189	28864	33482	10.274
IDC C2160-1R	4.00	1.125	1.250	0.5618	2.551	2.740	1.882	0.252	51545	63395	18.188
IDC C2060H-1R	1.50	0.469	0.495	0.2339	1.150	1.244	0.709	0.128	7227	9456	3.175
IDC C2080H-1R	2.00	0.625	0.620	0.3118	1.425	1.551	0.945	0.157	2886	15911	5.600
IDC C2100H-1R	2.50	0.750	0.783	0.3752	1.717	1.846	1.181	0.189	20114	25549	7.848
IDC C2120H-1R	3.00	0.875	0.993	0.8740	2.106	2.264	1.406	0.220	28864	36573	11.596
IDC C2160H-1R	4.00	1.125	1.250	0.5618	2.685	2.874	1.882	0.283	51545	64964	19.974
IDC C2042-1R	1.00	0.625	0.309	0.1559	0.654	0.701	0.472	0.059	3205	3796	1.852
IDC C2052-1R	1.25	0.750	0.370	0.2000	0.815	0.874	0.591	0.080	5045	6387	2.800
IDC C2062-1R	1.50	0.875	0.495	0.2339	1.020	1.091	0.709	0.095	7227	8365	3.549
IDC C2082-1R	2.00	1.125	0.620	0.3118	1.287	1.437	0.945	0.128	2886	14934	6.878
IDC C2102-1R	2.50	1.562	0.744	0.3752	1.591	1.760	1.181	0.157	20114	23321	10.648
IDC C2122-1R	3.00	1.750	0.993	0.8740	1.980	2.138	1.406	0.189	28864	33482	16.887
IDC C2162-1R	4.00	2.250	1.250	0.5618	2.551	2.740	1.882	0.252	51545	63395	28.660
IDC C2062H-1R	1.50	0.875	0.495	0.2339	1.150	1.244	0.709	0.128	7227	9456	4.564
IDC C2082H-1R	2.00	1.125	0.620	0.3118	1.425	1.551	0.945	0.157	2886	15911	7.893
IDC C2102H-1R	2.50	1.562	0.783	0.3752	1.717	1.846	1.181	0.189	20114	25549	11.861
IDC C2122H-1R	3.00	1.750	0.993	0.8740	2.106	2.264	1.406	0.220	28864	36573	18.210
IDC C2162H-1R	4.00	2.250	1.250	0.5618	2.685	2.874	1.882	0.283	51545	64964	30.512

Note: Part numbers ending in the number two (2) will be the large roller type.
Part numbers ending in R = riveted and part numbers ending in C = cottered

IDC SELECT® ROLLER CHAIN

DOUBLE PITCH NICKEL PLATED CONVEYOR CHAINS

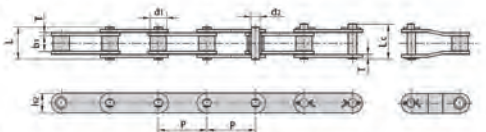
DOUBLE PITCH NICKEL PLATED CHAIN



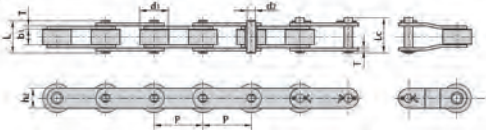
Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min	Q0	q
	in	in	in	in	in	in	in	in	lbs	lbs	lbs
IDC A2040NP-1R	1.000	0.313	0.309	0.1559	0.654	0.701	0.472	0.059	3205	3796	0.926
IDC A2050NP-1R	1.250	0.400	0.370	0.2000	0.815	0.874	0.591	0.080	5045	6387	1.609
IDC A2060NP-1R	1.500	0.469	0.495	0.2339	1.020	1.091	0.709	0.095	7227	8365	2.249

A2040-A2060 chain sizes use a spring clip design connecting link, A2080 & above are cottered design
 Part numbers ending in R = riveted and part numbers ending in C = cottered
 IDC Select® nickel plated chain is solid bushing/solid roller

Small Roller Type



Large Roller Type



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min	Q0	q
	in	in	in	in	in	in	in	in	lbs	lbs	lbs
IDC C2040NP-1R	1.00	0.313	0.309	0.1559	0.654	0.701	0.472	0.059	3205	3796	1.102
IDC C2050NP-1R	1.25	0.400	0.370	0.2000	0.815	0.874	0.591	0.080	5045	6387	1.720
IDC C2060HNP-1R	1.500	0.469	0.495	0.2339	1.020	1.091	0.709	0.095	7227	8365	2.469
IDC C2080HNP-1R	2.000	0.625	0.620	0.3118	1.287	1.437	0.945	0.128	12886	14934	4.586
IDC C2042NP-1R	1.000	0.625	0.309	0.1559	0.654	0.701	0.472	0.059	3205	3796	1.852
IDC C2052NP-1R	1.250	0.750	0.370	0.2000	0.815	0.847	0.591	0.080	5045	6387	2.800
IDC C2062HNP-1R	1.500	0.875	0.495	0.2339	1.020	1.091	0.709	0.095	7227	8365	3.549
IDC C2082HNP-1R	2.000	1.125	0.620	0.3118	1.287	1.437	0.945	0.128	12886	14934	6.878

C2040-C2060 chain sizes are spring clip design connecting link, C2080 and above are cottered design.
 Part numbers ending in R = riveted and part numbers ending in C = cottered
 IDC Select® nickel plated chain is solid bushing/solid roller

DOUBLE PITCH

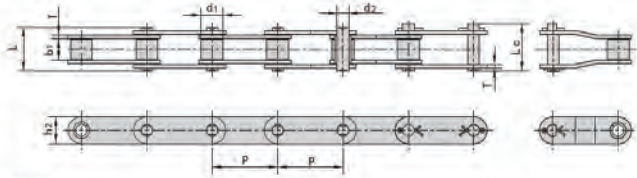


IDC SELECT® CORROSION RESISTANT CHAIN

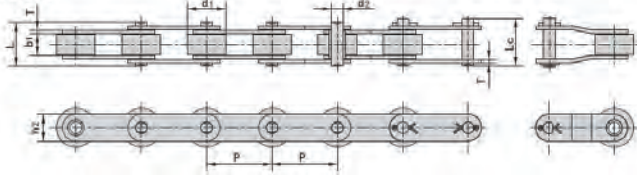
STAINLESS STEEL CHAIN

DOUBLE PITCH STAINLESS STEEL CONVEYOR CHAIN

Small Roller Type



Large Roller Type



Part No.	Pitch	Roller Diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Minimum Ultimate Strength ANSI Standard	Average tensile strength	Weight per ft.
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	T max	Q min	Q0	q
	in	in	in	in	in	in	in	in	lbs	lbs	lbs
IDC C2040HSS-1R	1.000	0.313	0.309	0.1559	0.740	0.783	0.472	0.080	3205	3910	1.433
IDC C2040SS-1R	1.000	0.313	0.309	0.1559	0.654	0.701	0.472	0.059	3205	3796	1.102
IDC C2050SS-1R	N/A	0.400	0.370	0.2000	0.815	0.847	0.591	0.080	5045	6387	1.720
IDC C2060HSS-1R	N/A	0.469	0.495	0.2339	1.150	1.244	0.709	0.128	7227	9456	3.175
IDC C2060SS-1R	N/A	0.469	0.495	0.2339	1.020	1.091	0.709	0.095	7227	8365	2.469
IDC C2080HSS-1R	N/A	0.625	0.620	0.3118	1.425	1.551	0.945	0.157	12886	15911	5.600
IDC C2080SS-1R	N/A	0.625	0.620	0.3118	1.287	1.437	0.945	0.128	12886	14934	4.586
IDC C2100HSS-1R	N/A	0.750	0.783	0.3752	1.717	1.846	1.181	0.189	20114	25549	7.848
IDC C2100SS-1R	N/A	0.750	0.744	0.3752	1.591	1.760	1.181	0.157	20114	23321	6.636

C2040-C2060 chain sizes are spring clip design connecting link, C2080 and above are cottered design
 Part numbers ending in R = riveted and part numbers ending in C = cottered
 IDC Select® stainless steel chain is split bushing/solid roller

DOUBLE PITCH

IDC SELECT® ROLLER CHAIN

DOUBLE PITCH ROLLER CHAINS

Drives series “A”: IDC Select® double pitch drive chain provides an economical solution for drives where speeds are low, center distances are longer, and loads are low to moderate. The component parts of the chain are similar to ANSI standard chain, but the “figure eight” style side plates are twice the pitch of their ANSI counterparts. Double pitch chain is lighter, more economical, and tends to have a shorter wear life than the standard ANSI series. Drive series double pitch chain is designated with the prefix “A”.

Conveyor series “C”: IDC Select® double pitch conveyor chain is ideally suited for light to medium duty material handling applications. This chain is available in standard roller and large roller series. C2000 series chain has standard size rollers that are the same diameter as ANSI standard chain of half the pitch with straight side plates. C2202 series chain is identical to the C2000 series with the exception that it has large, oversized rollers which project beyond the side plates to produce a rolling action.



DOUBLE PITCH

SPROCKETS

IDC Select® offers a wide range of high quality roller chain sprockets produced in ISO certified facilities to ANSI standards. Plain bore, finished bore, taper and QD® bushing designs are available. All IDC Select® sprockets come with hardened teeth and black oxide finish for long lasting service life. The finished bore design comes complete with a keyway on the centerline of the sprocket tooth and two setscrews, one over the keyway and one at 90°.



STANDARD SPROCKETS

IDC Select® offers a wide range of high quality roller chain sprockets produced in ISO certified facilities to ANSI standards. Plain bore, finished bore, taper and QD® bushing designs are available. All IDC Select® sprockets come with hardened teeth and black oxide finish for long lasting service life. The finished bore design comes complete with a keyway on the centerline of the sprocket tooth and two setscrews, one over the keyway and one at 90°.

STANDARD KEYWAYS AND SETSCREWS

Diameter of Shaft	Keyway Width × Depth	Setscrew	Diameter of Shaft	Keyway Width × Depth	Setscrew
1/2 - 9/16 5/8 - 7/8	1/8 × 1/16 3/16 × 3/32	10-24 1/4	2 5/16 — 2 3/4 2 13/16 — 3 1/4	5/8 × 5/16 3/4 × 3/8	5/8* 5/8*
1 5/16 - 1 1/4 1 5/16 - 1 3/8	1/4 × 1/8 5/16 × 5/32	5/16 5/16	3 5/16 — 3 3/4 3 13/16 — 4 1/2	7/8 × 7/16 1 × 1/2	3/4 3/4
1 7/16 - 1 3/4 1 13/16 - 2 1/4	3/8 × 3/16 1/2 × 1/4	3/8 1/2*	4 9/16 — 5 1/2 5 9/16 — 6 1/2	1 1/4 × 5/8 1 1/2 × 3/4	3/4 3/4

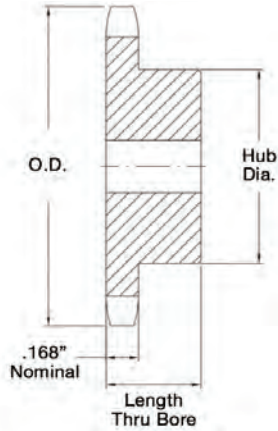
*Hub size may require smaller setscrews in some instances.



IDC SELECT® SPROCKETS

PLAIN BORE NO. 35 3/8" PITCH

35



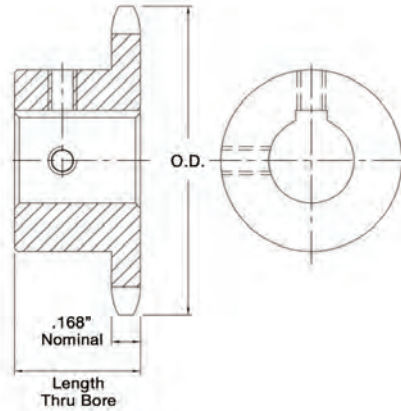
No. Teeth	Part No.	Outside Diameter	Type	Bore (inches)		Hub (inches)		Weight lbs (approx.)
				Stock	Rec. Max.	Diameter	Length Thru	
8	IDC H35B8	1.130	B	3/8	3/8	3/4 #	3/4	0.07
9	IDC H35B9	1.260	B	3/8	3/8	27/32 #	3/4	0.09
10	IDC H35B10	1.380	B	3/8	9/16	31/32 #	3/4	0.14
11	IDC H35B11	1.500	B	3/8	9/16	1 1/16 #	3/4	0.17
12	IDC H35B12	1.636	B	1/2	9/16	17/32 #	3/4	0.20
13	IDC H35B13	1.750	B	1/2	1 1/16	1 1/4 #	3/4	0.23
14	IDC H35B14	1.870	B	1/2	7/8	1 1/4	3/4	0.25
15	IDC H35B15	1.990	B	1/2	7/8	1 11/32	3/4	0.29
16	IDC H35B16	2.110	B	1/2	15/16	1 15/32	3/4	0.35
17	IDC H35B17	2.230	B	1/2	1 1/16	1 19/32	3/4	0.42
18	IDC H35B18	2.350	B	1/2	1 3/16	1 23/32	3/4	0.42
19	IDC H35B19	2.470	B	1/2	1 1/4	1 27/32	3/4	0.54
20	IDC H35B20	2.590	B	1/2	1 5/16	1 15/16	3/4	0.59
21	IDC H35B21	2.710	B	1/2	1 3/8	2	7/8	0.80
22	IDC H35B22	2.830	B	1/2	1 3/8	2	7/8	0.80
23	IDC H35B23	2.950	B	1/2	1 3/8	2	7/8	0.82
24	IDC H35B24	3.070	B	1/2	1 3/8	2	7/8	0.88
25	IDC H35B25	3.190	B	1/2	1 3/8	2	7/8	0.88
26	IDC H35B26	3.310	B	1/2	1 3/8	2	7/8	0.90
27	IDC H35B27	3.430	B	1/2	1 3/8	2	7/8	0.94
28	IDC H35B28	3.550	B	1/2	1 3/8	2	7/8	0.94
30	IDC H35B30	3.790	B	1/2	1 3/8	2	7/8	1.02
32	IDC H35B32	4.030	B	1/2	1 3/8	2	7/8	1.24
35	IDC H35B35	4.390	B	5/8	1 1/2	2 1/4	7/8	1.50
36	IDC H35B36	4.510	B	5/8	1 1/2	2 1/4	7/8	1.56
40	IDC H35B40	4.990	B	5/8	1 1/2	2 1/4	1	1.62
42	IDC H35B42	5.230	B	5/8	1 1/2	2 1/4	1	1.68
45	IDC H35B45	5.590	B	5/8	1 1/2	2 1/4	1	1.78
48	IDC H35B48	5.950	B	5/8	1 1/2	2 1/4	1	1.88
54	IDC H35B54	6.660	B	5/8	1 1/2	2 1/4	1	2.20
60	IDC H35B60	7.380	B	3/4	1 1/2	2 1/4	1	2.48

Has recessed groove in hub for chain clearance.
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

IDC SELECT® SPROCKETS

FINISHED BORE NO. 35 3/8" PITCH

35



No. Teeth	Part No.	Outside Diameter	Length Thru Bore	Weight lbs (approx.)	Stock Finished Bores Includes Keyway and 2 Setscrews
9	IDC H35B9F	1.260	0.75	0.10	★ 3/8
10	IDC H35B10F	1.380	0.75	0.20	★ 3/8 - 1/2 - † 5/8
11	IDC H35B11F	1.500	0.75	0.22	★ 3/8 - 1/2 - † 5/8 - † 3/4
12	IDC H35B12F	1.630	0.75	0.24	★ 1/2 - 5/8 - † 3/4
13	IDC H35B13F	1.750	0.75	0.24	★ 1/2 - 5/8 - 3/4
14	IDC H35B14F	1.870	0.75	0.24	★ 1/2 - 5/8 - 3/4
15	IDC H35B15F	1.990	0.75	0.36	★ 1/2 - 5/8 - 3/4 - 7/8 - 1
16	IDC H35B16F	2.110	0.75	0.39	★ 1/2 - 5/8 - 3/4 - 7/8 - 1
17	IDC H35B17F	2.230	0.75	0.44	★ 1/2 - 5/8 - 3/4 - 7/8 - 1
18	IDC H35B18F	2.350	0.75	0.51	★ 1/2 - 5/8 - 3/4 - 7/8 - 1
19	IDC H35B19F	2.470	0.75	0.75	★ 1/2 - 5/8 - 3/4 - - 1
20	IDC H35B20F	2.590	0.75	0.78	★ 1/2 - 5/8 - 3/4 - - 1
21	IDC H35B21F	2.710	0.875	0.78	★ 1/2 - 5/8 - 3/4 - - 1
22	IDC H35B22F	2.830	0.875	0.79	★ 1/2 - 5/8 - 3/4 - - 1
23	IDC H35B23F	2.950	0.875	0.80	★ 1/2 - 5/8 - 3/4 - - 1
24	IDC H35B24F	3.070	0.875	0.84	★ 1/2 - 5/8 - 3/4 - - 1
25	IDC H35B25F	3.190	0.875	0.88	★ 1/2 - 5/8 - 3/4 - - 1
26	IDC H35B26F	3.310	0.875	0.88	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
27	IDC H35B27F	3.430	0.875	0.86	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
28	IDC H35B28F	3.550	0.875	0.96	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
30	IDC H35B30F	3.790	0.875	1.14	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
32	IDC H35B32F	4.030	0.875	1.38	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
35	IDC H35B35F	4.390	0.875	1.41	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
36	IDC H35B36F	4.510	0.875	1.56	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
40	IDC H35B40F	4.990	1	1.64	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
42	IDC H35B42F	5.230	1	1.74	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
45	IDC H35B45F	5.590	1	1.86	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
48	IDC H35B48F	5.950	1	1.98	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
54	IDC H35B54F	6.660	1	2.34	- 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
60	IDC H35B60F	7.380	1	2.34	- 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4

★Indicates no keyway. (2) 1/4" setscrews only in 1/2" & 3/8" bore.

† Keyway with Setscrew at 90°.

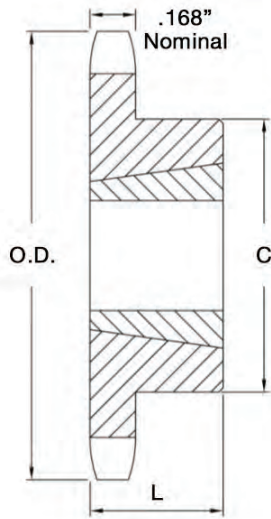
NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

IDC SELECT® STANDARD SPROCKETS

SINGLE - TAPER-LOCK® NO. 35 3/8" PITCH

35

SPROCKETS



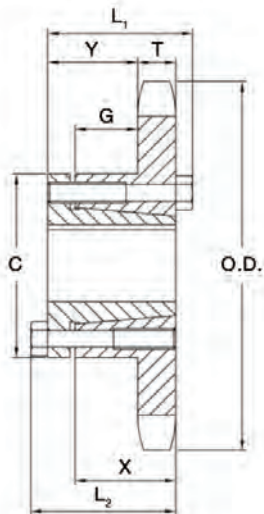
No. Teeth	Part No.	Bushing	Diameter		Max. Bore	Dimensions		Type	Weight lbs (approx.)	
			Outside Diameter	Pitch Diameter		L	C		Rim Only	Bushing Only
18	IDC H35BTL18	1008	2.352	2.159	1	7/8	1 7/8 #	B	0.40	0.3
19	IDC H35BTL19	1008	2.472	2.278	1	7/8	1 13/16	B	0.50	0.3
20	IDC H35BTL20	1008	2.593	2.397	1	7/8	1 15/16	B	0.60	0.3
21	IDC H35BTL21	1008	2.713	2.516	1	7/8	2 1/16	B	0.70	0.3
22	IDC H35BTL22	1210	2.883	2.635	1 1/4	1	2 3/8 #	B	0.80	0.6
23	IDC H35BTL23	1210	2.954	2.754	1 1/4	1	2 7/16	B	0.90	0.6
24	IDC H35BTL24	1210	3.074	2.873	1 1/4	1	2 7/16	B	0.90	0.6
25	IDC H35BTL25	1210	3.194	2.992	1 1/4	1	2 7/16	B	1.20	0.6
26	IDC H35BTL26	1610	3.314	3.111	1 5/8	1	2 7/8 #	B	1.10	0.9
28	IDC H35BTL28	1610	3.553	3.349	1 5/8	1	2 7/8	B	1.20	0.9
30	IDC H35BTL30	1610	3.793	3.588	1 5/8	1	3 1/8	B	1.20	0.9
32	IDC H35BTL32	1610	4.032	3.826	1 5/8	1	3 1/4	B	1.30	0.9
35	IDC H35BTL35	1610	4.392	4.183	1 5/8	1	3 1/4	B	1.40	0.9
36	IDC H35BTL36	1610	4.511	4.303	1 5/8	1	3 1/4	B	1.40	0.9
40	IDC H35BTL40	1610	4.990	4.786	1 5/8	1	3 1/4	B	1.90	0.9
42	IDC H35BTL42	1610	5.229	5.018	1 5/8	1	3 1/4	B	2.00	0.9
45	IDC H35BTL45	1610	5.588	5.376	1 5/8	1	3 1/4	B	2.10	0.9
48	IDC H35BTL48	1610	5.946	5.734	1 5/8	1	3 1/4	B	2.30	0.9
54	IDC H35BTL54	1610	6.663	6.449	1 5/8	1	3 1/4	B	2.60	0.9
60	IDC H35BTL60	1610	7.380	7.165	1 5/8	1	3 1/4	B	3.00	0.9

Has recessed groove in hub for chain clearance.

IDC SELECT® STANDARD SPROCKETS

SINGLE - TYPE QD® NO. 35 3/8" PITCH

35

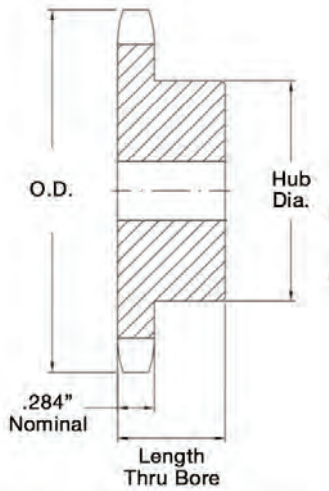


No. Teeth	Part No.	Bushing	Diameter		Type	Max. Bore	Dimensions							Weight lbs (approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	G	X	T	With Hub	Rim Only
19	IDC H35JA19	JA	2.470	2.278	B	1¼	1⅝	1⅝	2¼	53/64	29/64	5/8	0.168	1.18	0.28
20	IDC H35JA20	JA	2.590	2.397	B	1¼	1⅝	1⅝	2¼	53/64	29/64	5/8	0.168	0.168	0.32
21	IDC H35JA21	JA	2.710	2.516	B	1¼	1⅝	1⅝	2¼	53/64	29/64	5/8	0.168	0.168	0.34
22	IDC H35JA22	JA	2.830	2.635	B	1¼	1⅝	1⅝	2¼	53/64	29/64	5/8	0.168	0.168	0.36
23	IDC H35JA23	JA	2.950	2.754	B	1¼	1⅝	1⅝	2¼	53/64	29/64	5/8	0.168	0.168	0.38
24	IDC H35JA24	JA	3.070	2.873	B	1¼	1⅝	1⅝	2¼	53/64	29/64	5/8	0.168	0.168	0.40
25	IDC H35JA25	JA	3.190	2.992	B	1¼	1⅝	1⅝	2¼	53/64	29/64	5/8	0.168	0.168	0.44
26	IDC H35JA26	JA	3.310	3.111	B	1¼	1⅝	1⅝	2¼	53/64	29/64	5/8	0.168	1.38	0.46
27	IDC H35JA27	JA	3.430	3.230	B	1¼	1⅝	1⅝	2¼	53/64	29/64	5/8	0.168	1.42	0.48
28	IDC H35JA28	JA	3.550	3.349	B	1¼	1⅝	1⅝	2¼	53/64	29/64	5/8	0.168	1.46	0.52
30	IDC H35JA30	JA	3.790	3.588	B	1¼	1⅝	1⅝	2¼	53/64	29/64	5/8	0.168	1.68	0.56
32	IDC H35JA32	JA	4.030	3.826	B	1¼	1⅝	1⅝	2¼	53/64	29/64	5/8	0.168	1.94	0.78
35	IDC H35JA35	JA	4.390	4.183	B	1¼	1⅝	1⅝	2¼	53/64	29/64	5/8	0.168	2.06	1.04
36	IDC H35SH36	SH	4.510	4.303	B	1⅝	1⅞	1⅞	2¼	15/64	41/64	13/16	0.168	2.18	1.06
40	IDC H35SH40	SH	4.990	4.780	B	1⅝	1⅞	1⅞	2¼	15/64	41/64	13/16	0.168	2.26	1.18
42	IDC H35SH42	SH	5.230	5.018	B	1⅝	1⅞	1⅞	2¼	15/64	41/64	13/16	0.168	2.40	1.26
45	IDC H35SH45	SH	5.590	5.376	B	1⅝	1⅞	1⅞	2¼	15/64	41/64	13/16	0.168	2.58	1.40
48	IDC H35SH48	SH	5.950	5.734	B	1⅝	1⅞	1⅞	2¼	15/64	41/64	13/16	0.168	2.58	1.58
54	IDC H35SH54	SH	6.660	6.449	B	1⅝	1⅞	1⅞	2¼	15/64	41/64	13/16	0.168	2.88	1.88
60	IDC H35SH60	SH	7.380	7.165	B	1⅝	1⅞	1⅞	2¼	15/64	41/64	13/16	0.168	3.28	2.28

IDC SELECT® SPROCKETS

PLAIN BORE NO. 40 1/2" PITCH

40



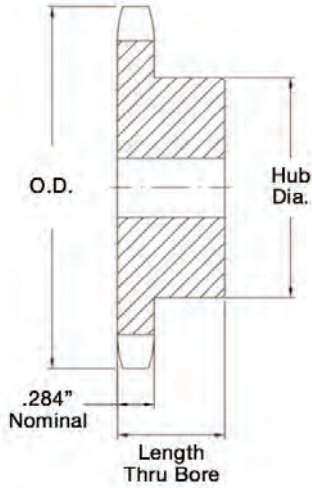
No. Teeth	Part No.	Outside Diameter	Type	Bore (in)		Hub (in)		Weight lbs (approx.)
				Stock	Rec. Max.	Diameter	Length Thru Bore	
8	IDC H40B8	1.510	B	1/2	1/2	63/64 #	7/8	0.18
9	IDC H40B9	1.670	B	1/2	9/16	11/16 #	7/8	0.20
10	IDC H40B10	1.840	B	1/2	3/4	1 1/4 #	7/8	0.27
11	IDC H40B11	2.000	B	1/2	7/8	1 3/8 #	7/8	0.35
12	IDC H40B12	2.170	B	1/2	1	1 9/16	7/8	0.45
13	IDC H40B13	2.330	B	1/2	1 1/16	1 9/16	7/8	0.50
14	IDC H40B14	2.490	B	1/2	1 1/8	1 11/16	7/8	0.59
15	IDC H40B15	2.650	B	1/2	1 1/4	1 13/16	7/8	0.70
16	IDC H40B16	2.810	B	5/8	1 3/8	2	7/8	0.79
17	IDC H40B17	2.980	B	5/8	1 7/16	2 1/8	1	1.04
18	IDC H40B18	3.140	B	5/8	1 1/2	2 5/16	1	1.22
19	IDC H40B19	3.300	B	5/8	1 3/4	2 1/2	1	1.43
20	IDC H40B20	2.460	B	5/8	1 7/8	2 5/8	1	1.56
21	IDC H40B21	3.620	B	5/8	1 7/8	2 3/4	1	1.73
22	IDC H40B22	3.780	B	5/8	1 7/8	2 7/8	1	1.96
23	IDC H40B23	3.940	B	5/8	2	3	1	2.13
24	IDC H40B24	4.100	B	5/8	2 1/4	3 1/4	1	2.41
25	IDC H40B25	4.260	B	5/8	2 1/4	3 1/4	1	2.54
26	IDC H40B26	4.420	B	5/8	2 1/4	3 1/4	1	2.58
27	IDC H40B27	4.580	B	5/8	2 1/4	3 1/4	1	2.66
28	IDC H40B28	4.740	B	5/8	2 1/4	3 1/4	1	2.73
29	IDC H40B29	4.900	B	5/8	2 1/4	3 1/4	1	2.80
30	IDC H40B30	5.060	B	5/8	2 1/4	3 1/4	1	2.98
31	IDC H40B31	5.220	B	5/8	2 1/4	3 1/4	1	3.10
32	IDC H40B32	5.380	B	5/8	2 1/4	3 1/4	1	3.16
33	IDC H40B33	5.540	B	5/8	2 1/4	3 1/4	1	3.22
34	IDC H40B34	5.700	B	5/8	2 1/4	3 1/4	1	3.30
35	IDC H40B35	5.860	B	5/8	2 1/4	3 1/4	1	3.46

Has recessed groove in hub for chain clearance.
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

IDC SELECT® SPROCKETS

PLAIN BORE NO. 40 1/2" PITCH

40



No. Teeth	Part No.	Outside Diameter	Type	Bore (in)		Hub (in)		Weight lbs (approx.)
				Stock	Rec. Max.	Diameter	Length Thru Bore	
36	IDC H40B36	6.020	B	5/8	2 1/4	3 1/4	1	3.58
37	IDC H40B37	6.180	B	5/8	2 1/4	3 1/4	1	3.62
38	IDC H40B38	6.330	B	5/8	2 1/4	3 1/4	1	3.70
39	IDC H40B39	6.490	B	5/8	2 1/4	3 1/4	1	3.76
40	IDC H40B40	6.650	B	3/4	2 3/8	3 1/2	1 1/8	4.69
41	IDC H40B41	6.810	B	3/4	2 3/8	3 1/2	1 1/8	4.76
42	IDC H40B42	6.970	B	3/4	2 3/8	3 1/2	1 1/8	4.82
43	IDC H40B43	7.130	B	3/4	2 3/8	3 1/2	1 1/8	5.12
44	IDC H40B44	7.290	B	3/4	2 3/8	3 1/2	1 1/8	5.15
45	IDC H40B45	7.450	B	3/4	2 3/8	3 1/2	1 1/8	5.30
46	IDC H40B46	7.610	B	3/4	2 3/8	3 1/2	1 1/8	5.44
47	IDC H40B47	7.770	B	3/4	2 3/8	3 1/2	1 1/8	5.77
48	IDC H40B48	7.930	B	3/4	2 3/8	3 1/2	1 1/8	5.84
49	IDC H40B49	8.090	B	3/4	2 3/8	3 1/2	1 1/8	5.90
50	IDC H40B50	8.250	B	3/4	2 3/8	3 1/2	1 1/8	5.96
51	IDC H40B51	8.410	B	3/4	2 3/8	3 1/2	1 1/8	6.08
52	IDC H40B52	8.570	B	3/4	2 3/8	3 1/2	1 1/8	6.28
53	IDC H40B53	8.730	B	3/4	2 3/8	3 1/2	1 1/8	6.33
54	IDC H40B54	8.890	B	3/4	2 3/8	3 1/2	1 1/8	6.42
55	IDC H40B55	9.040	B	3/4	2 3/8	3 1/2	1 1/8	6.46
56	IDC H40B56	9.200	B	3/4	2 3/8	3 1/2	1 1/8	6.89
57	IDC H40B57	9.360	B	3/4	2 3/8	3 1/2	1 1/8	7.02
58	IDC H40B58	9.520	B	3/4	2 3/8	3 1/2	1 1/8	7.36
59	IDC H40B59	9.680	B	3/4	2 3/8	3 1/2	1 1/8	7.45
60	IDC H40B60	9.840	B	3/4	2 3/8	3 1/2	1 1/8	7.86

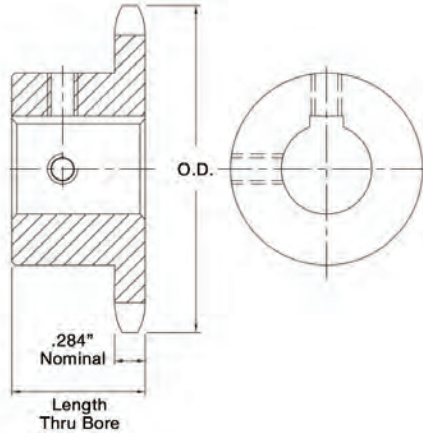
Has recessed groove in hub for chain clearance.
 Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

IDC SELECT® SPROCKETS

FINISHED BORE NO. 40 1/2" PITCH

SPROCKETS

40



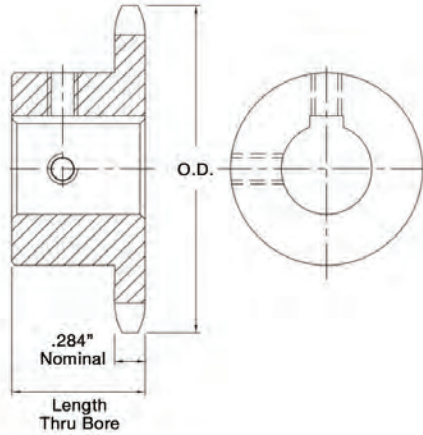
No. Teeth	Part No.	Outside Diameter	Length Thru Bore	Weight lbs (approx.)	Stock Finished Bores Includes Keyway and 2 Setscrews
9	IDC H40B9F	1.670	7/8	0.16	★ 1/2 - 5/8
10	IDC H40B10F	1.840	0.875	0.27	★ 1/2 - 5/8 - 3/4
11	IDC H40B11F	2.000	0.875	0.35	★ 1/2 - 5/8 - 3/4 - 7/8
12	IDC H40B12F	2.170	0.875	0.45	★ 1/2 - 5/8 - 3/4 - 7/8 - 1
13	IDC H40B13F	2.330	0.875	0.50	★ 1/2 - 5/8 - 3/4 - 7/8 - 1
14	IDC H40B14F	2.490	0.875	0.59	★ 1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8
15	IDC H40B15F	2.650	0.875	0.70	★ 1/2 - 5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
16	IDC H40B16F	2.810	0.875	0.79	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
17	IDC H40B17F	2.980	1	1.04	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4
18	IDC H40B18F	3.140	1	1.22	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
19	IDC H40B19F	3.300	1	1.43	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
20	IDC H40B20F	3.460	1	1.56	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
21	IDC H40B21F	3.620	1	1.73	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
22	IDC H40B22F	3.780	1	1.96	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
23	IDC H40B23F	3.940	1	2.13	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
24	IDC H40B24F	4.100	1	2.41	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
25	IDC H40B25F	4.260	1	2.54	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
26	IDC H40B26F	4.420	1	2.58	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
27	IDC H40B27F	4.580	1	2.66	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
28	IDC H40B28F	4.740	1	2.73	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
29	IDC H40B29F	4.900	1	2.80	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
30	IDC H40B30F	5.060	1	2.98	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
31	IDC H40B31F	5.220	1	3.10	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
32	IDC H40B32F	5.380	1	3.16	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
33	IDC H40B33F	5.540	1	3.22	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
34	IDC H40B34F	5.700	1	3.30	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
35	IDC H40B35F	5.860	1	3.46	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
36	IDC H40B36F	6.020	1	3.58	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
37	IDC H40B37F	6.170	1	3.62	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2
38	IDC H40B38F	6.330	1	3.70	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 3/16 - 1 1/4 - - - 1 7/16 - 1 1/2

★ Indicates no keyway. (2) 1/4" setscrews only in 1/2" & 3/8" bore.
NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

IDC SELECT® SPROCKETS

FINISHED BORE NO. 40 1/2" PITCH

40



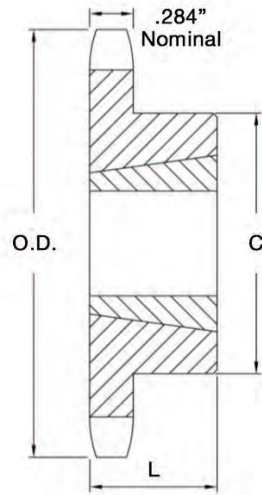
No. Teeth	Part No.	Outside Diameter	Length Thru Bore	Weight lbs (approx.)	Stock Finished Bores Includes Keyway and 2 Setscrews
39	IDC H40B39F	6.490	1	3.76	$\frac{5}{8}$ - $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
40	IDC H40B40F	6.650	$1\frac{1}{8}$	4.69	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
41	IDC H40B41F	6.810	$1\frac{1}{8}$	4.76	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
42	IDC H40B42F	6.970	$1\frac{1}{8}$	4.82	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
43	IDC H40B43F	7.130	$1\frac{1}{8}$	5.12	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
44	IDC H40B44F	7.290	$1\frac{1}{8}$	5.15	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
45	IDC H40B45F	7.450	$1\frac{1}{8}$	5.30	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
46	IDC H40B46F	7.610	$1\frac{1}{8}$	5.57	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
47	IDC H40B47F	7.770	$1\frac{1}{8}$	5.44	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
48	IDC H40B48F	7.930	$1\frac{1}{8}$	5.84	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
49	IDC H40B49F	8.090	$1\frac{1}{8}$	5.90	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
50	IDC H40B50F	8.250	$1\frac{1}{8}$	5.96	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
51	IDC H40B51F	8.410	$1\frac{1}{8}$	6.08	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
52	IDC H40B52F	8.570	$1\frac{1}{8}$	6.28	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
53	IDC H40B53F	8.730	$1\frac{1}{8}$	6.33	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
54	IDC H40B54F	8.880	$1\frac{1}{8}$	6.42	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
55	IDC H40B55F	9.040	$1\frac{1}{8}$	6.46	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
56	IDC H40B56F	9.200	$1\frac{1}{8}$	6.89	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
57	IDC H40B57F	9.360	$1\frac{1}{8}$	7.02	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
58	IDC H40B58F	9.520	$1\frac{1}{8}$	7.36	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
59	IDC H40B59F	9.680	$1\frac{1}{8}$	7.45	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$
60	IDC H40B60F	9.840	$1\frac{1}{8}$	7.86	- $\frac{3}{4}$ - $\frac{7}{8}$ - 1 - $1\frac{1}{8}$ - $1\frac{1}{4}$ - $1\frac{1}{2}$ - $1\frac{3}{4}$ - $1\frac{1}{2}$

IDC SELECT® STANDARD SPROCKETS

SINGLE - TAPER-LOCK® NO. 40 1/2" PITCH

40

SPROCKETS



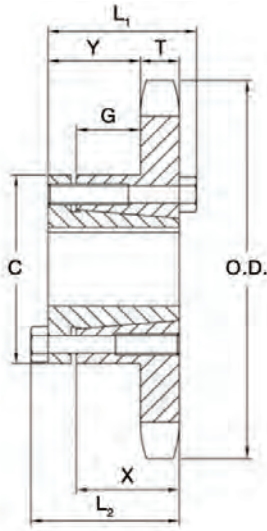
No. Teeth	Part No.	Bushing	Diameter		Max. Bore	Dimensions		Type	Weight lbs (Approx.)	
			Outside Diameter	Pitch Diameter		L	C		Rim Only	Bushing Only
14	IDC H40BTL14	1008	2.491	2.247	1	7/8	1 13/16 #	B	0.30	0.3
15	IDC H40BTL15	1008	2.652	2.405	1	7/8	1 13/16	B	0.40	0.3
16	IDC H40BTL16	1008	2.814	2.563	1	7/8	1 13/16	B	0.50	0.3
17	IDC H40BTL17	1210	2.975	2.721	1 1/4	1	2 3/8 #	B	0.50	0.3
18	IDC H40BTL18	1210	3.135	2.879	1 1/4	1	2 19/32 #	B	0.60	0.6
19	IDC H40BTL19	1210	3.296	3.038	1 1/4	1	2 19/32	B	0.70	0.6
20	IDC H40BTL20	1610	3.457	3.196	1 5/8	1	2 25/32 #	B	0.70	0.9
21	IDC H40BTL21	1610	3.617	3.355	1 5/8	1	2 25/32	B	0.80	0.9
22	IDC H40BTL22	1610	3.778	3.513	1 5/8	1	2 25/32	B	0.90	0.9
23	IDC H40BTL23	1610	3.938	3.672	1 5/8	1	3 3/32	B	1.00	0.9
24	IDC H40BTL24	1610	4.098	3.831	1 5/8	1	3 1/4	B	1.40	0.9
25	IDC H40BTL25	1610	4.258	3.989	1 5/8	1	3 13/32	B	1.50	0.9
26	IDC H40BTL26	1610	4.418	4.148	1 5/8	1	3 1/2	B	1.70	0.9
28	IDC H40BTL28	1610	4.738	4.466	1 5/8	1	3 1/2	B	1.80	0.9
30	IDC H40BTL30	1610	5.057	4.783	1 5/8	1	3 1/2	B	1.90	0.9
32	IDC H40BTL32	1610	5.377	5.101	1 5/8	1	3 1/2	B	1.90	0.9
35	IDC H40BTL35	1610	5.855	5.578	1 5/8	1	3 1/2	B	2.30	0.9
36	IDC H40BTL36	1610	6.015	5.737	1 5/8	1	3	B	2.40	0.9
40	IDC H40BTL40	1610	6.653	6.373	1 5/8	1	3	B	2.80	0.9
42	IDC H40BTL42	1610	6.972	6.691	1 5/8	1	3	B	2.90	0.9
45	IDC H40BTL45	1610	7.451	7.168	1 5/8	1	3	B	3.50	0.9
48	IDC H40BTL48	1610	7.928	7.645	1 5/8	1	3	B	4.00	0.9
54	IDC H40BTL54	1610	8.885	8.599	1 5/8	1	3	B	4.90	0.9
60	IDC H40BTL60	1610	9.841	9.554	1 5/8	1	3	B	6.00	0.9

Has recessed groove in hub for chain clearance.

IDC SELECT® STANDARD SPROCKETS

SINGLE - TYPE QD® NO. 40 1/2" PITCH

40



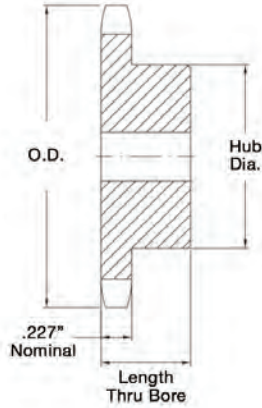
SPROCKETS

No. Teeth	Part No.	Bushing	Diameter		Type	Max. Bore	Dimensions							Weight lbs (Approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	G	X	T	With Hub	Rim Only
15	IDC H40JA15	JA	2.650	2.405	B	1 1/4	1 1/8	1 1/8	2 1/16	23/32	1 1/32	5/8	0.284	1.24	0.34
16	IDC H40JA16	JA	2.810	2.563	B	1 1/4	1 1/8	1 1/8	2 1/16	23/32	1 1/32	5/8	0.284	1.30	0.40
17	IDC H40JA17	JA	2.980	2.721	B	1 1/4	1 1/8	1 1/8	2 1/16	23/32	1 1/32	5/8	0.284	1.38	0.48
18	IDC H40JA18	JA	3.140	2.879	B	1 1/4	1 1/8	1 1/8	2 1/16	23/32	1 1/32	5/8	0.284	1.44	0.54
19	IDC H40JA19	JA	3.300	3.038	B	1 1/4	1 1/8	1 1/8	2 1/16	23/32	1 1/32	5/8	0.284	1.50	0.60
36	IDC H40SDS36	SDS	6.020	5.737	B	2	1 1/2	1 1/2	3 3/16	1 1/32	15/32	3/4	0.284	3.20	2.20
40	IDC H40SDS40	SDS	6.650	6.373	B	2	1 1/2	1 1/2	3 3/16	1 1/32	15/32	3/4	0.284	3.72	2.72
42	IDC H40SDS42	SDS	9.970	6.691	B	2	1 1/2	1 1/2	3 3/16	1 1/32	15/32	3/4	0.284	3.92	2.92
45	IDC H40SDS45	SDS	7.450	7.168	B	2	1 1/2	1 1/2	3 3/16	1 1/32	15/32	3/4	0.284	4.32	3.32
48	IDC H40SDS48	SDS	7.930	7.645	B	2	1 1/2	1 1/2	3 3/16	1 1/32	15/32	3/4	0.284	4.70	3.70
54	IDC H40SDS54	SDS	8.890	8.599	B	2	1 1/2	1 1/2	3 3/16	1 1/32	15/32	3/4	0.284	5.78	4.78
60	IDC H40SDS60	SDS	9.840	9.554	B	2	1 1/2	1 1/2	3 3/16	1 1/32	15/32	3/4	0.284	6.86	5.86
20	IDC H40SH20	SH	3.460	3.196	B	1 5/8	1 7/16	1 7/16	2 1 1/16	3 1/32	1 7/32	13/16	0.284	1.76	0.76
21	IDC H40SH21	SH	3.620	3.355	B	1 5/8	1 7/16	1 7/16	2 1 1/16	3 1/32	1 7/32	13/16	0.284	1.84	0.84
22	IDC H40SH22	SH	3.780	3.513	B	1 5/8	1 7/16	1 7/16	2 1 1/16	3 1/32	1 7/32	13/16	0.284	1.92	0.92
23	IDC H40SH23	SH	3.940	3.672	B	1 5/8	1 7/16	1 7/16	2 1 1/16	3 1/32	1 7/32	13/16	0.284	2.14	1.14
24	IDC H40SH24	SH	4.100	3.831	B	1 5/8	1 7/16	1 7/16	2 1 1/16	3 1/32	1 7/32	13/16	0.284	2.22	1.22
25	IDC H40SH25	SH	4.260	3.989	B	1 5/8	1 7/16	1 7/16	2 1 1/16	3 1/32	1 7/32	13/16	0.284	2.30	1.30
26	IDC H40SH26	SH	4.420	4.148	B	1 5/8	1 7/16	1 7/16	2 1 1/16	3 1/32	1 7/32	13/16	0.284	2.44	1.44
27	IDC H40SH27	SH	4.580	4.307	B	1 5/8	1 7/16	1 7/16	2 1 1/16	3 1/32	1 7/32	13/16	0.284	2.46	1.46
28	IDC H40SH28	SH	4.740	4.466	B	1 5/8	1 7/16	1 7/16	2 1 1/16	3 1/32	1 7/32	13/16	0.284	2.54	1.54
30	IDC H40SH30	SH	5.060	4.783	B	1 5/8	1 7/16	1 7/16	2 1 1/16	3 1/32	1 7/32	13/16	0.284	2.72	1.72
32	IDC H40SH32	SH	5.380	5.101	B	1 5/8	1 7/16	1 7/16	2 1 1/16	3 1/32	1 7/32	13/16	0.284	2.90	1.90
35	IDC H40SH35	SH	5.860	5.578	B	1 5/8	1 7/16	1 7/16	3	3 1/32	1 7/32	13/16	0.284	3.22	2.22

IDC SELECT® SPROCKETS

PLAIN BORE SPROCKETS NO. 41 1/2" PITCH

41



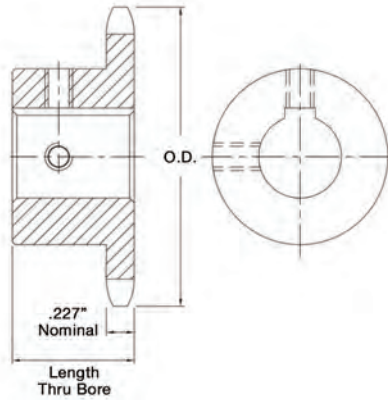
No. Teeth	Part No.	Outside Diameter	Type	Bore (in)		Hub (in)		Weight lbs (approx.)
				Stock	Rec. Max.	Diameter	Length Thru Bore	
8	IDC H41B8	1.510	B	1/2	1/2	63/64 #	7/8	0.19
9	IDC H41B9	1.670	B	1/2	5/8	1 1/8 #	7/8	0.20
10	IDC H41B10	1.840	B	1/2	3/4	1 1/4 #	7/8	0.07
11	IDC H41B11	2.000	B	1/2	7/8	1 7/16 #	7/8	0.10
12	IDC H41B12	2.170	B	1/2	15/16	1 9/16 #	7/8	0.19
13	IDC H41B13	2.330	B	1/2	1	1 9/16	7/8	0.20
14	IDC H41B14	2.490	B	1/2	1 1/4	1 3/4	7/8	0.27
15	IDC H41B15	2.650	B	5/8	1 5/16	1 29/32	7/8	0.35
16	IDC H41B16	2.810	B	5/8	1 3/8	2 1/16	7/8	0.44
17	IDC H41B17	2.970	B	5/8	1 1/2	2 15/64	1	0.50
18	IDC H41B18	3.140	B	5/8	1 5/8	2 3/8	1	0.57
19	IDC H41B19	3.300	B	5/8	1 3/4	2 15/32	1	0.72
20	IDC H41B20	2.460	B	5/8	1 7/8	2 3/4	1	0.91
21	IDC H41B21	3.620	B	5/8	1 7/8	2 7/8	1	1.09
22	IDC H41B22	3.780	B	5/8	2	3	1	1.25
23	IDC H41B23	3.940	B	5/8	2 1/4	3 3/16	1	1.49
24	IDC H41B24	4.100	B	5/8	2 1/4	3 1/4	1	1.64
25	IDC H41B25	4.260	B	5/8	2 1/4	3 1/4	1	1.81
26	IDC H41B26	4.420	B	5/8	2 1/4	3 1/4	1	1.93
27	IDC H41B27	4.580	B	5/8	2 1/4	3 1/4	1	2.25
28	IDC H41B28	4.740	B	5/8	2 1/4	3 1/4	1	2.33
30	IDC H41B30	5.060	B	5/8	2 1/4	3 1/4	1	2.46
32	IDC H41B32	5.380	B	5/8	2 1/4	3 1/4	1	2.50
35	IDC H41B35	5.860	B	5/8	2 3/8	3 1/4	1	2.56
36	IDC H41B36	6.020	B	5/8	2 3/8	3 1/4	1	2.64
40	IDC H41B40	6.650	B	3/4	2 3/8	3 1/4	1 1/16	2.80
42	IDC H41B42	6.970	B	3/4	2 3/8	3 1/2	1 1/16	2.96
45	IDC H41B45	7.450	B	3/4	2 3/8	3 1/2	1 1/16	3.12
48	IDC H41B48	7.930	B	3/4	2 3/8	3 1/2	1 1/16	3.32
54	IDC H41B54	8.880	B	3/4	2 3/8	3 1/2	1 1/16	4.06
60	IDC H41B60	9.840	B	3/4	2 3/8	3 1/2	1 1/16	4.10

Has recessed groove in hub for chain clearance.
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

IDC SELECT® SPROCKETS

FINISHED BORE NO. 41 1/2" PITCH

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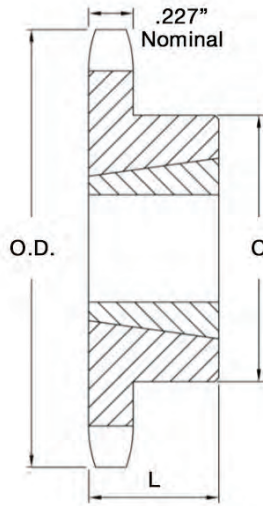
No. Teeth	Part No.	Outside Diameter	Length Thru Bore	Weight lbs (approx.)	Stock Finished Bores Includes Keyway and 2 Setscrews
9	IDC H41B9F	1.670	7/8	0.20	★ 1/2 - 5/8
10	IDC H41B10F	1.840	7/8	0.27	★ 1/2 - 5/8
11	IDC H41B11F	2.000	7/8	0.35	★ 1/2 - 5/8 - 3/4
12	IDC H41B12F	2.170	7/8	0.44	★ 1/2 - 5/8 - 3/4 - 7/8
13	IDC H41B13F	2.330	7/8	0.50	★ 1/2 - 5/8 - 3/4 - 7/8 - 1
14	IDC H41B14F	2.490	7/8	0.57	★ 1/2 - 5/8 - 3/4 - 7/8 - 1
15	IDC H41B15F	2.650	7/8	0.72	★ 1/2 - 5/8 - 3/4 - - 1
16	IDC H41B16F	2.810	7/8	0.91	- 5/8 - 3/4 - - 1
17	IDC H41B17F	2.970	1	1.09	- 5/8 - 3/4 - - 1
18	IDC H41B18F	3.140	1	1.25	- 5/8 - 3/4 - - 1
19	IDC H41B19F	3.300	1	1.49	- 5/8 - 3/4 - - 1
20	IDC H41B20F	3.460	1	1.64	- 5/8 - 3/4 - - 1
21	IDC H41B21F	3.620	1	1.81	- 5/8 - 3/4 - - 1
22	IDC H41B22F	3.780	1	1.93	- 5/8 - 3/4 - - 1
23	IDC H41B23F	3.940	1	2.25	- 5/8 - 3/4 - - 1
24	IDC H41B24F	4.100	1	1.64	- 5/8 - 3/4 - - 1
25	IDC H41B25F	4.260	1	2.46	- 5/8 - 3/4 - - 1
26	IDC H41B26F	4.420	1	2.50	- 5/8 - 3/4 - - 1
27	IDC H41B27F	4.580	1	2.56	- 5/8 - 3/4 - - 1
28	IDC H41B28F	4.740	1	2.64	- 5/8 - 3/4 - - 1
30	IDC H41B30F	5.060	1	2.80	- 5/8 - 3/4 - - 1
32	IDC H41B32F	5.380	1	2.96	- 5/8 - 3/4 - - 1
35	IDC H41B35F	5.860	1	3.12	- 5/8 - 3/4 - - 1
36	IDC H41B36F	6.020	1	3.32	- 5/8 - 3/4 - - 1
40	IDC H41B40F	6.650	1 1/16	4.06	- 3/4 - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
42	IDC H41B42F	6.970	1 1/16	4.10	- 3/4 - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
45	IDC H41B45F	7.450	1 1/16	4.18	- 3/4 - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
48	IDC H41B48F	7.930	1 1/16	4.92	- 3/4 - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
54	IDC H41B54F	8.880	1 1/16	5.68	- 3/4 - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
60	IDC H41B60F	9.840	1 1/16	6.78	- 3/4 - - 1 - 1 1/8 - 1 3/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2

★ Indicates no keyway. (2) 1/4" setscrews only in 1/2" bore.
Hub diameters vary to suit different bore sizes.
NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

IDC SELECT® STANDARD SPROCKETS

SINGLE - TAPER-LOCK® NO. 41 1/2" PITCH

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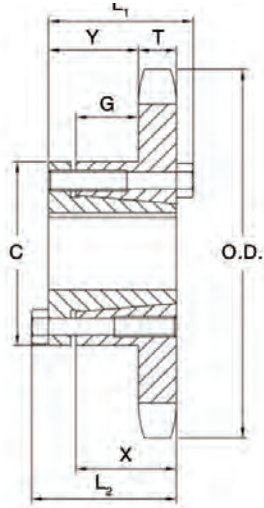
No. Teeth	Part No.	Bushing	Diameter		Max. Bore	Dimensions		Type	Weight lbs (approx.)	
			Outside Diameter	Pitch Diameter		L	C		Rim Only	Bushing Only
14	IDC H41BTL14	1008	2.490	2.247	1	7/8	1 7/8 #	B	0.40	0.3
15	IDC H41BTL15	1008	2.650	2.405	1	7/8	1 7/8	B	0.50	0.3
16	IDC H41BTL16	1008	2.810	2.503	1	7/8	2	B	0.60	0.3
17	IDC H41BTL17	1210	2.970	2.721	1 1/4	1	2 3/8 #	B	0.70	0.6
18	IDC H41BTL18	1210	3.140	2.879	1 1/4	1	2 3/8	B	0.90	0.6
19	IDC H41BTL19	1210	3.300	3.038	1 1/4	1	2 1/2	B	1.10	0.6
20	IDC H41BTL20	1610	3.460	3.196	1 5/8	1	2 7/8 #	B	1.10	0.9
21	IDC H41BTL21	1610	3.620	3.355	1 5/8	1	3 #	B	1.20	0.9
22	IDC H41BTL22	1610	3.780	3.513	1 5/8	1	3	B	1.30	0.9
23	IDC H41BTL23	1610	3.940	3.672	1 5/8	1	3	B	1.40	0.9
24	IDC H41BTL24	1610	4.100	3.831	1 5/8	1	3	B	1.40	0.9
25	IDC H41BTL25	1610	4.260	3.989	1 5/8	1	3	B	1.50	0.9
26	IDC H41BTL26	1610	4.420	4.148	1 5/8	1	3	B	1.50	0.9
28	IDC H41BTL28	1610	4.740	4.466	1 5/8	1	3	B	1.70	0.9
30	IDC H41BTL30	1610	5.060	4.783	1 5/8	1	3	B	1.80	0.9
32	IDC H41BTL32	1610	5.380	5.101	1 5/8	1	3	B	1.90	0.9
35	IDC H41BTL35	1610	5.860	5.578	1 5/8	1	3	B	2.30	0.9
36	IDC H41BTL36	1610	6.020	5.737	1 5/8	1	3	B	2.40	0.9
40	IDC H41BTL40	1610	6.650	6.373	1 5/8	1	3	B	2.70	0.9
42	IDC H41BTL42	1610	7.450	7.168	1 5/8	1	3	B	3.50	0.9
45	IDC H41BTL45	1610	7.930	7.645	1 5/8	1	3	B	4.10	0.9
48	IDC H41BTL48	1610	8.880	8.599	1 5/8	1	3	B	4.90	0.9
54	IDC H41BTL54	1610	9.840	9.554	1 5/8	1	3	B	5.70	0.9
60	IDC H41BTL60	1610	11.430	11.145	1 5/8	1	3	B	7.40	0.9

Has recessed groove in hub for chain clearance.

IDC SELECT® STANDARD SPROCKETS

SINGLE - TYPE QD® NO. 41 1/2" PITCH

41

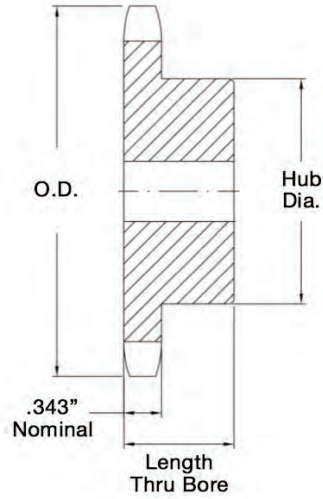


No. Teeth	Part No.	Bushing	Diameter		Type	Max. Bore	Dimensions							Weight lbs (approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	G	X	T	With Hub	Rim Only
15	IDC H41JA15	JA	2.650	2.405	B	1¼	1½	1½	2¼ ₁₆	49 ₆₄	25 ₆₄	5 ₈	.227	1.22	0.32
16	IDC H41JA16	JA	2.810	2.563	B	1¼	1½	1½	2¼ ₁₆	49 ₆₄	25 ₆₄	5 ₈	.227	1.30	0.40
17	IDC H41JA17	JA	2.980	2.721	B	1¼	1½	1½	2¼ ₁₆	49 ₆₄	25 ₆₄	5 ₈	.227	1.40	0.50
18	IDC H41JA18	JA	3.140	2.879	B	1¼	1½	1½	2¼ ₁₆	49 ₆₄	25 ₆₄	5 ₈	.227	1.50	0.60
19	IDC H41JA19	JA	3.300	3.038	B	1¼	1½	1½	2¼ ₁₆	49 ₆₄	25 ₆₄	5 ₈	.227	1.58	0.68
20	IDC H41SH20	SH	3.460	3.296	B	1½	1 ⁷ / ₁₆	1 ⁷ / ₁₆	2 ¹¹ / ₁₆	1 ³ / ₃₂	3 ⁷ / ₆₄	1 ³ / ₁₆	.227	1.78	0.78
21	IDC H41SH21	SH	3.620	3.355	B	1½	1 ⁷ / ₁₆	1 ⁷ / ₁₆	2 ¹¹ / ₁₆	1 ³ / ₃₂	3 ⁷ / ₆₄	1 ³ / ₁₆	.227	1.82	0.82
22	IDC H41SH22	SH	3.780	3.513	B	1½	1 ⁷ / ₁₆	1 ⁷ / ₁₆	2 ¹¹ / ₁₆	1 ³ / ₃₂	3 ⁷ / ₆₄	1 ³ / ₁₆	.227	2.06	1.06
23	IDC H41SH23	SH	3.940	3.672	B	1½	1 ⁷ / ₁₆	1 ⁷ / ₁₆	2 ¹¹ / ₁₆	1 ³ / ₃₂	3 ⁷ / ₆₄	1 ³ / ₁₆	.227	2.14	1.14
24	IDC H41SH24	SH	4.100	3.831	B	1½	1 ⁷ / ₁₆	1 ⁷ / ₁₆	2 ¹¹ / ₁₆	1 ³ / ₃₂	3 ⁷ / ₆₄	1 ³ / ₁₆	.227	2.16	1.16
25	IDC H41SH25	SH	4.260	3.989	B	1½	1 ⁷ / ₁₆	1 ⁷ / ₁₆	2 ¹¹ / ₁₆	1 ³ / ₃₂	3 ⁷ / ₆₄	1 ³ / ₁₆	.227	2.22	1.22
26	IDC H41SH26	SH	4.420	4.148	B	1½	1 ⁷ / ₁₆	1 ⁷ / ₁₆	2 ¹¹ / ₁₆	1 ³ / ₃₂	3 ⁷ / ₆₄	1 ³ / ₁₆	.227	2.26	1.26
27	IDC H41SH27	SH	4.580	4.307	B	1½	1 ⁷ / ₁₆	1 ⁷ / ₁₆	2 ¹¹ / ₁₆	1 ³ / ₃₂	3 ⁷ / ₆₄	1 ³ / ₁₆	.227	2.40	1.40
28	IDC H41SH28	SH	4.740	4.466	B	1½	1 ⁷ / ₁₆	1 ⁷ / ₁₆	2 ¹¹ / ₁₆	1 ³ / ₃₂	3 ⁷ / ₆₄	1 ³ / ₁₆	.227	2.54	1.54
30	IDC H41SH30	SH	5.060	4.783	B	1½	1 ⁷ / ₁₆	1 ⁷ / ₁₆	2 ¹¹ / ₁₆	1 ³ / ₃₂	3 ⁷ / ₆₄	1 ³ / ₁₆	.227	2.58	1.58
32	IDC H41SH32	SH	5.380	5.101	B	1½	1 ⁷ / ₁₆	1 ⁷ / ₁₆	2 ¹¹ / ₁₆	1 ³ / ₃₂	3 ⁷ / ₆₄	1 ³ / ₁₆	.227	2.68	1.68
35	IDC H41SH35	SH	5.860	5.578	B	1½	1 ⁷ / ₁₆	1 ⁷ / ₁₆	2 ¹¹ / ₁₆	1 ³ / ₃₂	3 ⁷ / ₆₄	1 ³ / ₁₆	.227	2.79	1.79
36	IDC H41SDS36	SDS	6.020	5.737	B	2	1½	1½	3¼ ₁₆	1 ³ / ₃₂	1 ⁷ / ₃₂	¾	.227	2.92	1.92
40	IDC H41SDS40	SDS	6.650	6.373	B	2	1½	1½	3¼ ₁₆	1 ³ / ₃₂	1 ⁷ / ₃₂	¾	.227	3.32	2.32
42	IDC H41SDS42	SDS	6.970	6.691	B	2	1½	1½	3¼ ₁₆	1 ³ / ₃₂	1 ⁷ / ₃₂	¾	.227	3.44	2.44
45	IDC H41SDS45	SDS	7.450	7.168	B	2	1½	1½	3¼ ₁₆	1 ³ / ₃₂	1 ⁷ / ₃₂	¾	.227	3.76	2.76
48	IDC H41SDS48	SDS	7.930	7.645	B	2	1½	1½	3¼ ₁₆	1 ³ / ₃₂	1 ⁷ / ₃₂	¾	.227	4.36	3.36
54	IDC H41SDS54	SDS	8.890	8.599	B	2	1½	1½	3¼ ₁₆	1 ³ / ₃₂	1 ⁷ / ₃₂	¾	.227	4.98	3.98
60	IDC H41SDS60	SDS	9.840	9.554	B	2	1½	1½	3¼ ₁₆	1 ³ / ₃₂	1 ⁷ / ₃₂	¾	.227	6.54	5.54

IDC SELECT® SPROCKETS

PLAIN BORE NO. 50 5/8" PITCH

50



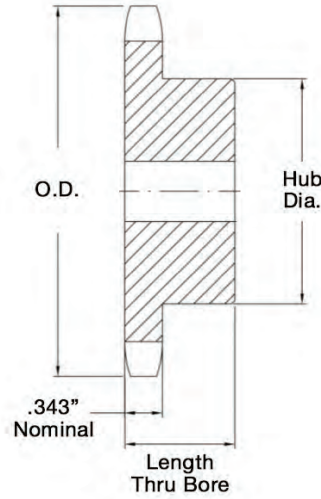
No. Teeth	Part No.	Outside Diameter	Type	Bore (in)		Hub (in)		Weight lbs (approx.)
				Stock	Rec. Max.	Diameter	Length Thru	
8	IDC H50B8	1.880	B	5/8	5/8	1 1/8 #	1	0.25
9	IDC H50B9	2.090	B	5/8	3/4	1 3/8 #	1	0.36
10	IDC H50B10	2.300	B	5/8	7/8	1 9/16 #	1	0.48
11	IDC H50B11	2.500	B	5/8	1	1 3/4 #	1	0.64
12	IDC H50B12	2.710	B	5/8	1 1/4	1 63/64 #	1	0.83
13	IDC H50B13	2.910	B	5/8	1 5/16	1 7/8	1	0.88
14	IDC H50B14	3.110	B	5/8	1 7/16	2 1/8	1	1.13
15	IDC H50B15	3.320	B	5/8	1 1/2	2 3/8	1	1.34
16	IDC H50B16	3.520	B	5/8	1 3/4	2 1/2	1	1.51
17	IDC H50B17	3.720	B	5/8	1 7/8	2 11/16	1	1.74
18	IDC H50B18	3.920	B	5/8	1 7/8	2 7/8	1	2.00
19	IDC H50B19	4.120	B	5/8	2	3	1	2.22
20	IDC H50B20	4.320	B	3/4	2	3	1	2.28
21	IDC H50B21	4.520	B	3/4	2	3	1	2.40
22	IDC H50B22	4.720	B	3/4	2	3	1	2.56
23	IDC H50B23	4.920	B	3/4	2	3	1	2.66
24	IDC H50B24	5.120	B	3/4	2	3	1 1/4	3.30
25	IDC H50B25	5.320	B	3/4	2	3	1 1/4	3.40
26	IDC H50B26	5.520	B	3/4	2	3	1 1/4	3.44
27	IDC H50B27	5.720	B	3/4	2	3	1 1/4	3.74
28	IDC H50B28	5.920	B	3/4	2	3	1 1/4	3.80
29	IDC H50B29	6.230	B	3/4	2	3	1 1/4	4.06
30	IDC H50B30	6.320	B	3/4	2 1/4	3 1/4	1 1/4	4.56
31	IDC H50B31	6.520	B	3/4	2 1/4	3 1/4	1 1/4	4.74
32	IDC H50B32	6.720	B	3/4	2 1/4	3 1/4	1 1/4	4.96
33	IDC H50B33	6.920	B	3/4	2 1/4	3 1/4	1 1/4	5.20
34	IDC H50B34	7.120	B	3/4	2 1/4	3 1/4	1 1/4	5.14

#Has recessed groove in hub for chain clearance.
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

IDC SELECT® SPROCKETS

PLAIN BORE NO. 50 5/8" PITCH

50



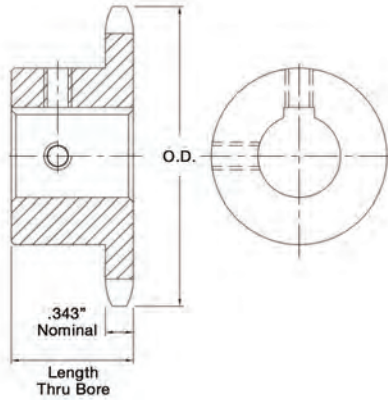
SPROCKETS

No. Teeth	Part No.	Outside Diameter	Type	Bore (in)		Hub (in)		Weight lbs (approx.)
				Stock	Rec. Max.	Diameter	Length Thru	
35	IDC H50B35	7.320	B	3/4	2 1/4	3/4	1 1/4	5.44
36	IDC H50B36	7.520	B	3/4	2 1/4	3/4	1 1/4	5.64
37	IDC H50B37	7.720	B	3/4	2 1/4	3/4	1 1/4	5.90
38	IDC H50B38	7.920	B	3/4	2 1/4	3/4	1 1/4	6.08
39	IDC H50B39	8.120	B	3/4	2 1/4	3/4	1 1/4	6.30
40	IDC H50B40	8.320	B	3/4	2 1/4	3/4	1 1/4	6.50
41	IDC H50B41	8.520	B	3/4	2 1/4	3/4	1 1/4	6.64
42	IDC H50B42	8.720	B	3/4	2 1/4	3/4	1 1/4	6.96
43	IDC H50B43	8.910	B	3/4	2 1/4	3/4	1 1/4	7.06
44	IDC H50B44	9.110	B	3/4	2 1/4	3/4	1 1/4	7.58
45	IDC H50B45	9.310	B	3/4	2 1/2	3/4	1 1/4	8.58
46	IDC H50B46	9.510	B	1	2 1/2	3/4	1 1/4	8.22
47	IDC H50B47	9.710	B	1	2 1/2	3/4	1 1/4	8.48
48	IDC H50B48	9.910	B	1	2 1/2	3/4	1 1/4	9.28
49	IDC H50B49	10.110	B	1	2 1/2	3/4	1 1/4	9.22
50	IDC H50B50	10.310	B	1	2 1/2	3/4	1 1/4	9.88
51	IDC H50B51	10.510	B	1	2 1/2	3/4	1 1/4	9.70
52	IDC H50B52	10.710	B	1	2 1/2	3/4	1 1/4	10.24
53	IDC H50B53	10.910	B	1	2 1/2	3/4	1 1/4	10.48
54	IDC H50B54	11.110	B	1	2 1/2	3/4	1 1/4	11.00
55	IDC H50B55	11.310	B	1	2 1/2	3/4	1 1/4	10.93
56	IDC H50B56	11.500	B	1	2 1/2	3/4	1 1/4	11.50
57	IDC H50B57	11.700	B	1	2 1/2	3/4	1 1/4	12.00
58	IDC H50B58	11.900	B	1	2 1/2	3/4	1 1/4	11.82
59	IDC H50B59	12.100	B	1	2 1/2	3/4	1 1/4	12.32
60	IDC H50B60	12.300	B	1	2 1/2	3/4	1 1/4	13.00

IDC SELECT® SPROCKETS

FINISHED BORE NO. 50 5/8" PITCH

50



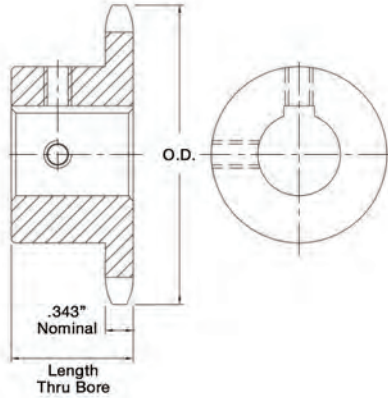
No. Teeth	Part No.	Outside Diameter	Length Thru Bore	Weight lbs (approx.)	Stock Finished Bores Includes Keyway and 2 Setscrews
9	IDC H50B9F	2.090	1	0.30	5/8 - 3/4
10	IDC H50B10F	2.300	1	0.30	5/8 - 3/4 - 7/8 - †1
11	IDC H50B11F	2.500	1	0.60	5/8 - 3/4 - 7/8 - 1
12	IDC H50B12F	2.710	1	0.70	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
13	IDC H50B13F	2.910	1	0.80	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
14	IDC H50B14F	3.110	1	1.00	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4
15	IDC H50B15F	3.320	1	1.20	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
16	IDC H50B16F	3.520	1	1.45	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 5/8
17	IDC H50B17F	3.720	1	1.60	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 5/8
18	IDC H50B18F	3.920	1	1.90	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 5/8
19	IDC H50B19F	4.120	1	2.00	5/8 - 3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 5/8
20	IDC H50B20F	4.320	1	2.10	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 5/8
21	IDC H50B21F	4.520	1	2.25	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
22	IDC H50B22F	4.720	1	2.40	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
23	IDC H50B23F	4.920	1	2.50	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
24	IDC H50B24F	5.120	1 1/4	3.00	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
25	IDC H50B25F	5.320	1 1/4	3.10	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
26	IDC H50B26F	5.520	1 1/4	3.30	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
27	IDC H50B27F	5.720	1 1/4	3.46	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
28	IDC H50B28F	5.920	1 1/4	3.60	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
29	IDC H50B29F	6.120	1 1/4	3.78	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
30	IDC H50B30F	6.320	1 1/4	3.90	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2
31	IDC H50B31F	6.520	1 1/4	4.46	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 3/4 - 1 15/16
32	IDC H50B32F	6.720	1 1/4	4.70	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 3/4 - 1 15/16
33	IDC H50B33F	6.920	1 1/4	4.92	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 3/4 - 1 15/16
34	IDC H50B34F	7.120	1 1/4	5.06	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 3/4 - 1 15/16
35	IDC H50B35F	7.320	1 1/4	5.30	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 3/4 - 1 15/16
36	IDC H50B36F	7.520	1 1/4	5.50	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 3/4 - 1 15/16
37	IDC H50B37F	7.720	1 1/4	5.62	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 3/4 - 1 15/16
38	IDC H50B38F	7.920	1 1/4	5.80	3/4 - 7/8 - 1 - 1 1/8 - 1 1/16 - 1 1/4 - 1 3/8 - 1 7/16 - 1 1/2 - 1 3/4 - 1 15/16

† Keyway with Setscrew at 90°.
NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

IDC SELECT® SPROCKETS

FINISHED BORE NO. 50 5/8" PITCH

50



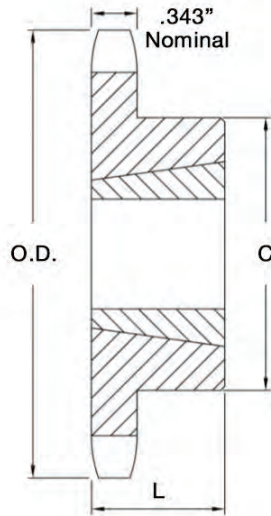
No. Teeth	Part No.	Outside Diameter	Length Thru Bore	Weight lbs (approx.)	Stock Finished Bores Includes Keyway and 2 Setscrews
39	IDC H50B39F	8.120	1¼	6.02	¾ - 7/8 - 1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
40	IDC H50B40F	8.320	1¼	6.20	¾ - 7/8 - 1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
41	IDC H50B41F	8.520	1¼	6.45	¾ - 7/8 - 1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
42	IDC H50B42F	8.720	1¼	6.68	¾ - 7/8 - 1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
43	IDC H50B43F	8.910	1¼	6.99	¾ - 7/8 - 1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
44	IDC H50B44F	9.110	1¼	7.30	¾ - 7/8 - 1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
45	IDC H50B45F	9.310	1¼	8.00	¾ - 7/8 - 1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
46	IDC H50B46F	9.510	1¼	8.51	1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
47	IDC H50B47F	9.710	1¼	8.76	1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
48	IDC H50B48F	9.910	1¼	9.03	1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
49	IDC H50B49F	10.110	1¼	9.33	1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
50	IDC H50B50F	10.310	1¼	9.63	1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
51	IDC H50B51F	10.510	1¼	9.81	1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
52	IDC H50B52F	10.710	1¼	9.91	1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
53	IDC H50B53F	10.910	1¼	10.37	1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
54	IDC H50B54F	11.110	1¼	10.75	1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
55	IDC H50B55F	11.310	1¼	11.08	1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
56	IDC H50B56F	11.500	1¼	11.41	1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
57	IDC H50B57F	11.700	1¼	11.75	1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
58	IDC H50B58F	11.900	1¼	12.08	1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
59	IDC H50B59F	12.100	1¼	12.41	1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16
60	IDC H50B60F	12.300	1¼	13.50	1 - 1½ - 1¾ - 1¼ - 1¾ - 17/16 - 1½ - 1¾ - 115/16

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

IDC SELECT® STANDARD SPROCKETS

SINGLE - TAPER-LOCK® NO. 50 5/8" PITCH

50



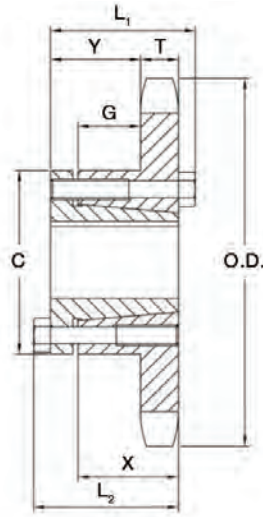
No. Teeth	Part No.	Bushing	Diameter		Max. Bore	Dimensions		Type	Weight lbs (approx.)	
			Outside Diameter	Pitch Diameter		L	C		Rim Only	Bushing Only
12	IDC H50BTL12	1008	2.708	2.415	1	7/8	1 15/16 #	B	0.5	0.3
13	IDC H50BTL13	1008	2.911	2.612	1	7/8	1 15/16	B	0.5	0.3
14	IDC H50BTL14	1008	3.113	2.809	1	7/8	1 15/16	B	0.6	0.3
15	IDC H50BTL15	1210	3.315	3.006	1 1/4	1	2 15/32 #	B	0.7	0.6
16	IDC H50BTL16	1610	3.517	3.204	1 5/8	1	2 29/32 #	B	0.7	0.9
17	IDC H50BTL17	1610	3.719	3.401	1 5/8	1	2 29/32 #	B	0.8	0.9
18	IDC H50BTL18	1610	3.920	3.599	1 5/8	1	2 29/32	B	0.9	0.9
19	IDC H50BTL19	1610	4.120	3.797	1 5/8	1	3	B	1.3	0.9
20	IDC H50BTL20	1610	4.321	3.995	1 5/8	1	3 1/4	B	1.6	0.9
21	IDC H50BTL21	1610	4.522	4.193	1 5/8	1	3 1/2	B	1.5	0.9
22	IDC H50BTL22	1610	4.722	4.392	1 5/8	1	3 1/2	B	1.6	0.9
23	IDC H50BTL23	2012	4.922	4.590	2	1 1/4	3 7/8	B	2.0	1.7
24	IDC H50BTL24	2012	5.122	4.788	2	1 1/4	4	B	2.2	1.7
25	IDC H50BTL25	2012	5.322	4.987	2	1 1/4	4	B	2.4	1.7
26	IDC H50BTL26	2012	5.522	5.185	2	1 1/4	4	B	2.5	1.7
27	IDC H50BTL27	2012	5.723	5.384	2	1 1/4	4	B	2.6	1.7
28	IDC H50BTL28	2012	5.922	5.582	2	1 1/4	4	B	2.8	1.7
30	IDC H50BTL30	2012	6.321	5.979	2	1 1/4	3 9/16	B	3.2	1.7
32	IDC H50BTL32	2012	6.721	6.376	2	1 1/4	3 9/16	B	3.6	1.7
35	IDC H50BTL35	2012	7.319	6.972	2	1 1/4	3 9/16	B	4.2	1.7
36	IDC H50BTL36	2012	7.519	7.171	2	1 1/4	3 9/16	B	4.3	1.7
40	IDC H50BTL40	2012	8.316	7.966	2	1 1/4	3 9/16	B	5.2	1.7
42	IDC H50BTL42	2012	8.715	8.363	2	1 1/4	3 9/16	B	5.9	1.7
45	IDC H50BTL45	2012	9.313	8.960	2	1 1/4	3 9/16	B	6.5	1.7
48	IDC H50BTL48	2012	9.911	9.556	2	1 1/4	3 9/16	B	7.3	1.7
54	IDC H50BTL54	2012	11.106	10.749	2	1 1/4	3 9/16	B	9.0	1.7
60	IDC H50BTL60	2012	12.301	11.942	2	1 1/4	3 9/16	B	10.8	1.7

Has recessed groove in hub for chain clearance.

IDC SELECT® STANDARD SPROCKETS

SINGLE - TYPE QD® NO. 50 5/8" PITCH

50



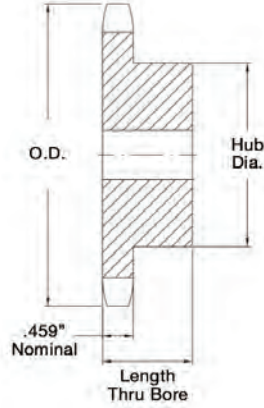
SPROCKETS

No. Teeth	Part No.	Bushing	Diameter		Type	Max. Bore	Dimensions							Weight lbs (approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	G	X	T	With Hub	Rim Only
12	IDC H50JA12	JA	2.710	2.415	B	1¼	1½	1½	2¼	2½	9/32	5/8	0.343	1.24	0.34
13	IDC H50JA13	JA	2.910	2.612	B	1¼	1½	1½	2¼	2½	9/32	5/8	0.343	1.30	0.40
14	IDC H50JA14	JA	3.110	2.803	B	1¼	1½	1½	2¼	2½	9/32	5/8	0.343	1.45	0.52
15	IDC H50JA15	JA	3.320	3.006	B	1¼	1½	1½	2¼	2½	9/32	5/8	0.343	1.50	0.60
16	IDC H50JA16	JA	3.520	3.204	B	1¼	1½	1½	2¼	2½	9/32	5/8	0.343	1.58	0.68
17	IDC H50SH17	SH	3.720	3.401	B	1½	17/16	17/16	21/16	29/32	15/32	13/16	0.343	1.84	0.84
18	IDC H50SH18	SH	3.920	3.599	B	1½	17/16	17/16	21/16	29/32	15/32	13/16	0.343	2.04	1.04
19	IDC H50SH19	SH	4.120	3.797	B	1½	17/16	17/16	21/16	29/32	15/32	13/16	0.343	2.24	1.24
20	IDC H50SDS20	SDS	4.320	3.995	B	2	1½	1½	3¾	3½	13/32	¾	0.343	2.20	1.20
21	IDC H50SDS21	SDS	4.520	4.194	B	2	1½	1½	3¾	3½	13/32	¾	0.343	2.32	1.32
22	IDC H50SDS22	SDS	4.720	4.392	B	2	1½	1½	3¾	3½	13/32	¾	0.343	2.48	1.42
23	IDC H50SDS23	SDS	4.920	4.590	B	2	1½	1½	3¾	3½	13/32	¾	0.343	2.58	1.58
24	IDC H50SDS24	SDS	5.120	4.788	B	2	1½	1½	3¾	3½	13/32	¾	0.343	2.70	1.70
25	IDC H50SDS25	SDS	5.320	4.987	B	2	1½	1½	3¾	3½	13/32	¾	0.343	2.86	1.86
26	IDC H50SDS26	SDS	5.520	5.185	B	2	1½	1½	3¾	3½	13/32	¾	0.343	3.00	2.00
27	IDC H50SDS27	SDS	5.720	5.384	B	2	1½	1½	3¾	3½	13/32	¾	0.343	3.12	2.12
28	IDC H50SDS28	SDS	5.920	5.582	B	2	1½	1½	3¾	3½	13/32	¾	0.343	3.32	2.32
30	IDC H50SDS30	SDS	6.320	6.320	B	2	1½	1½	3¾	3½	13/32	¾	0.343	3.64	2.64
32	IDC H50SDS32	SDS	6.720	6.376	B	2	1½	1½	3¾	3½	13/32	¾	0.343	3.98	2.98
35	IDC H50SDS35	SDS	7.320	6.972	B	2	1½	1½	3¾	3½	13/32	¾	0.343	4.62	3.62
36	IDC H50SDS36	SDS	7.520	7.171	B	2	1½	1½	3¾	3½	13/32	¾	0.343	4.64	3.64
40	IDC H50SDS40	SDS	8.320	7.966	B	2	1½	1½	3¾	3½	13/32	¾	0.343	5.74	4.74
42	IDC H50SDS42	SDS	8.720	8.363	B	2	1½	1½	3¾	3½	13/32	¾	0.343	6.40	5.40
45	IDC H50SDS45	SDS	9.310	8.960	B	2	1½	1½	3¾	3½	13/32	¾	0.343	6.90	5.90
48	IDC H50SDS48	SDS	9.910	9.556	B	2	1½	1½	3¾	3½	13/32	¾	0.343	7.66	6.66
54	IDC H50SK54	SK	11.110	10.749	B	2½	2½	2½	3¾	117/32	29/32	1¼	0.343	11.68	9.68
60	IDC H50SK60	SK	12.300	11.942	B	2½	2½	2½	3¾	117/32	29/32	1¼	0.343	13.88	11.88

IDC SELECT® SPROCKETS

PLAIN BORE NO. 60 3/4" PITCH

60

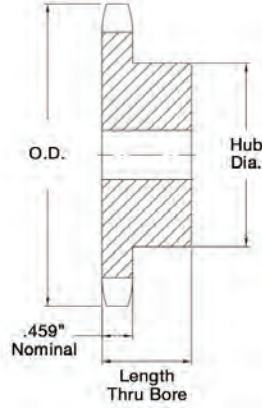


No. Teeth	Part No.	Outside Diameter	Type	Bore (in)		Hub (in)		Weight lbs (approx.)
				Stock	Rec. Max.	Diameter	Length Thru	
8	IDC H60B8	2.260	B	5/8	5/8	1 ¹⁵ / ₃₂	1 ¹ / ₄	0.54
9	IDC H60B9	2.510	B	3/4	7/8	1 ⁹ / ₁₆	1 ¹ / ₄	0.64
10	IDC H60B10	2.760	B	3/4	1 ¹ / ₈	1 ¹⁵ / ₁₆	1 ¹ / ₄	0.99
11	IDC H60B11	3.000	B	3/4	1 ⁵ / ₁₆	2 ¹ / ₁₆	1 ¹ / ₄	1.16
12	IDC H60B12	3.250	B	3/4	1 ³ / ₈	2 ³ / ₈	1 ¹ / ₄	1.47
13	IDC H60B13	3.490	B	3/4	1 ¹ / ₂	2 ¹¹ / ₃₂	1 ¹ / ₄	1.66
14	IDC H60B14	3.740	B	3/4	1 ³ / ₄	2 ⁹ / ₁₆	1 ¹ / ₄	2.00
15	IDC H60B15	3.980	B	3/4	1 ⁷ / ₈	2 ⁷ / ₈	1 ¹ / ₄	2.51
16	IDC H60B16	4.220	B	3/4	2	3 ¹ / ₁₆	1 ¹ / ₄	2.81
17	IDC H60B17	4.460	B	3/4	2 ¹ / ₄	3 ¹ / ₄	1 ¹ / ₄	3.22
18	IDC H60B18	4.700	B	3/4	2 ³ / ₈	3 ¹ / ₂	1 ¹ / ₄	3.72
19	IDC H60B19	4.950	B	3/4	2 ³ / ₈	3 ¹ / ₂	1 ¹ / ₄	3.92
20	IDC H60B20	5.190	B	3/4	2 ³ / ₈	3 ⁷ / ₈	1 ¹ / ₄	4.63
21	IDC H60B21	5.430	B	3/4	2 ³ / ₄	4	1 ¹ / ₄	5.00
22	IDC H60B22	5.670	B	3/4	2 ³ / ₄	4	1 ¹ / ₄	5.25
23	IDC H60B23	5.910	B	3/4	2 ³ / ₄	4	1 ¹ / ₄	5.48
24	IDC H60B24	6.150	B	3/4	2 ³ / ₄	4	1 ¹ / ₄	5.78
25	IDC H60B25	6.390	B	3/4	2 ³ / ₄	4	1 ¹ / ₄	6.13
26	IDC H60B26	6.630	B	3/4	2 ³ / ₄	4	1 ¹ / ₄	6.38
27	IDC H60B27	6.870	B	3/4	2 ³ / ₄	4	1 ¹ / ₄	6.72
28	IDC H60B28	7.110	B	3/4	2 ³ / ₄	4	1 ¹ / ₄	6.88
29	IDC H60B29	7.350	B	3/4	2 ³ / ₄	4	1 ¹ / ₄	7.28
30	IDC H60B30	7.590	B	3/4	2 ³ / ₄	4	1 ¹ / ₄	7.58
31	IDC H60B31	7.830	B	3/4	2 ³ / ₄	4	1 ¹ / ₄	7.72
32	IDC H60B32	8.070	B	3/4	2 ³ / ₄	4	1 ¹ / ₄	8.26
33	IDC H60B33	8.300	B	1	2 ³ / ₄	4	1 ¹ / ₄	8.42
34	IDC H60B34	8.540	B	1	2 ³ / ₄	4	1 ¹ / ₄	8.80

IDC SELECT® SPROCKETS

PLAIN BORE NO. 60 3/4" PITCH

60



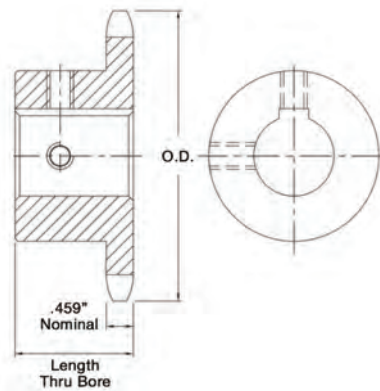
SPROCKETS

No. Teeth	Part No.	Outside Diameter	Type	Bore (in)		Hub (in)		Weight lbs (approx.)
				Stock	Rec. Max.	Diameter	Length Thru	
35	IDC H60B35	8.780	B	1	2 ³ / ₄	4	1 ¹ / ₄	9.04
36	IDC H60B36	9.020	B	1	2 ³ / ₄	4	1 ¹ / ₄	9.60
37	IDC H60B37	9.260	B	1	2 ³ / ₄	4	1 ¹ / ₄	10.24
38	IDC H60B38	9.500	B	1	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₄	10.84
39	IDC H60B39	9.740	B	1	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₄	11.36
40	IDC H60B40	9.980	B	1	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₄	11.50
41	IDC H60B41	10.220	B	1	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₄	12.14
42	IDC H60B42	10.460	B	1	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₄	12.74
43	IDC H60B43	10.700	B	1	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₄	13.00
44	IDC H60B44	10.940	B	1 ⁵ / ₁₆	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₄	13.88
45	IDC H60B45	11.180	B	1 ⁵ / ₁₆	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₄	13.98
46	IDC H60B46	11.420	B	1 ⁵ / ₁₆	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₄	14.60
47	IDC H60B47	11.650	B	1 ⁵ / ₁₆	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₄	15.00
48	IDC H60B48	11.890	B	1 ⁵ / ₁₆	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₄	15.82
49	IDC H60B49	12.130	B	1 ⁵ / ₁₆	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₄	15.90
50	IDC H60B50	12.370	B	1 ⁵ / ₁₆	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₄	17.66
51	IDC H60B51	12.610	B	1 ⁵ / ₁₆	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₄	16.98
52	IDC H60B52	12.850	B	1 ⁵ / ₁₆	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₄	17.93
53	IDC H60B53	13.090	B	1 ⁵ / ₁₆	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₄	17.99
54	IDC H60B54	13.330	B	1 ⁵ / ₁₆	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₄	21.60
55	IDC H60B55	13.570	B	1 ¹ / ₄	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	21.14
56	IDC H60B56	13.810	B	1 ¹ / ₄	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	21.88
57	IDC H60B57	14.040	B	1 ¹ / ₄	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	22.26
58	IDC H60B58	14.280	B	1 ¹ / ₄	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	22.80
59	IDC H60B59	14.520	B	1 ¹ / ₄	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	23.86
60	IDC H60B60	14.760	B	1 ¹ / ₄	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	25.22

IDC SELECT® SPROCKETS

FINISHED BORE NO. 60 3/4" PITCH

60



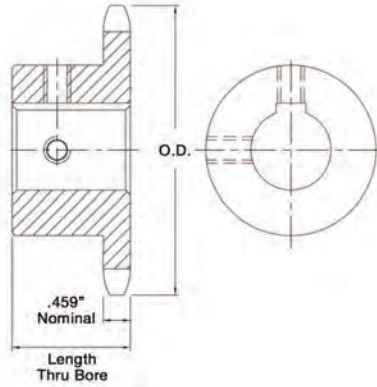
No. Teeth	Part No.	Outside Diameter	Length Thru Bore	Weight lbs (approx.)	Stock Finished Bores Includes Keyway and 2 Setscrews
9	IDC H60B9F	2.510	1¼	0.60	¾ - 7/8 - 1
10	IDC H60B10F	2.510	1¼	0.70	¾ - 7/8 - 1 - 1½ - 1⅝ - 1¾
11	IDC H60B11F	3.000	1¼	0.90	¾ - 7/8 - 1 - 1½ - 1⅝ - 1¾
12	IDC H60B12F	3.250	1¼	1.30	¾ - 7/8 - 1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞
13	IDC H60B13F	3.490	1¼	1.30	¾ - 7/8 - 1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½
14	IDC H60B14F	3.740	1¼	1.60	¾ - 7/8 - 1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝
15	IDC H60B15F	3.980	1¼	1.70	¾ - 7/8 - 1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾
16	IDC H60B16F	4.220	1¼	2.10	¾ - 7/8 - 1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
17	IDC H60B17F	4.460	1¼	2.40	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
18	IDC H60B18F	4.700	1¼	2.60	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
19	IDC H60B19F	4.950	1¼	3.40	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
20	IDC H60B20F	5.190	1¼	3.90	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
21	IDC H60B21F	5.430	1¼	4.40	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
22	IDC H60B22F	5.670	1¼	4.70	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
23	IDC H60B23F	5.910	1¼	5.00	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
24	IDC H60B24F	6.150	1¼	5.30	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
25	IDC H60B25F	6.390	1¼	5.40	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
26	IDC H60B26F	6.630	1¼	5.80	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
27	IDC H60B27F	6.870	1¼	6.30	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
28	IDC H60B28F	7.110	1¼	6.40	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
29	IDC H60B29F	7.350	1¼	6.90	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
30	IDC H60B30F	7.590	1¼	7.10	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
31	IDC H60B31F	7.830	1¼	7.40	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
32	IDC H60B32F	8.070	1¼	7.80	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
33	IDC H60B33F	8.300	1¼	8.20	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
34	IDC H60B34F	8.540	1¼	8.50	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
35	IDC H60B35F	8.780	1¼	8.80	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½
36	IDC H60B36F	9.020	1¼	9.20	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½ - 2 - 2⅜ - 2⅞
37	IDC H60B37F	9.260	1¼	9.90	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½ - 2 - 2⅜ - 2⅞
38	IDC H60B38F	9.500	1¼	10.50	1 - 1½ - 1⅝ - 1¾ - 1⅞ - 1⅞ - 1½ - 1⅝ - 1¾ - 1⅝½ - 2 - 2⅜ - 2⅞

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

IDC SELECT® SPROCKETS

FINISHED BORE NO. 60 3/4" PITCH

60



SPROCKETS

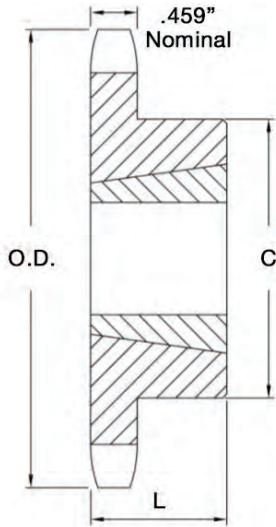
No. Teeth	Part No.	Outside Diameter	Length Thru Bore	Weight lbs (approx.)	Stock Finished Bores Includes Keyway and 2 Setscrews												
39	IDC H60B39F	9.740	1¼	10.90	1	- 1½	- 1¾	- 1¼	- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
40	IDC H60B40F	9.980	1¼	11.20	1	- 1½	- 1¾	- 1¼	- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
41	IDC H60B41F	10.220	1¼	11.80	1	- 1½	- 1¾	- 1¼	- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
42	IDC H60B42F	10.460	1¼	12.40	1	- 1½	- 1¾	- 1¼	- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
43	IDC H60B43F	10.700	1¼	13.00	1	- 1½	- 1¾	- 1¼	- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
44	IDC H60B44F	10.940	1¼	13.50	1	- 1½	- 1¾	- 1¼	- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
45	IDC H60B45F	11.180	1¼	13.80	1	- 1½	- 1¾	- 1¼	- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
46	IDC H60B46F	11.420	1¼	14.10	1	- 1½	- 1¾	- 1¼	- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
47	IDC H60B47F	11.650	1¼	14.60	1	- 1½	- 1¾	- 1¼	- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
48	IDC H60B48F	11.890	1¼	15.40	1	- 1½	- 1¾	- 1¼	- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
49	IDC H60B49F	12.130	1¼	16.40	1	- 1½	- 1¾	- 1¼	- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
50	IDC H60B50F	12.370	1¼	17.30	1	- 1½	- 1¾	- 1¼	- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
51	IDC H60B51F	12.610	1¼	18.30	1	- 1½	- 1¾	- 1¼	- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
52	IDC H60B52F	12.850	1¼	19.30	1	- 1½	- 1¾	- 1¼	- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
53	IDC H60B53F	13.090	1¼	20.30	1	- 1½	- 1¾	- 1¼	- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
54	IDC H60B54F	13.330	1¾	21.00	1	- 1½	- 1¾	- 1¼	- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
55	IDC H60B55F	13.570	1¾	21.20		- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
56	IDC H60B56F	13.810	1¾	21.30		- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
57	IDC H60B57F	14.040	1¾	22.20		- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
58	IDC H60B58F	14.280	1¾	23.00		- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
59	IDC H60B59F	14.520	1¾	23.80		- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞
60	IDC H60B60F	14.760	1¾	25.00		- 1¾	- 1⅞	- 1½	- 1¾	- 1¾	- 1½	- 1¾	- 1¾	- 1½	- 2	- 2¾	- 2⅞

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

IDC SELECT® STANDARD SPROCKETS

SINGLE - TAPER-LOCK® NO. 60 3/4" PITCH

60

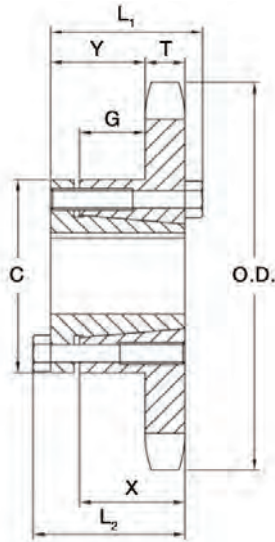


No. Teeth	Part No.	Bushing	Diameter		Max. Bore	Dimensions		Type	Weight lbs (approx.)	
			Outside Diameter	Pitch Diameter		L	C		Rim Only	Bushing Only
11	IDC H60BTL11	1008	3.004	2.662	1	7/8	1 13/16	B	0.6	0.3
12	IDC H60BTL12	1008	3.249	2.898	1	7/8	1 15/16	B	0.8	0.3
13	IDC H60BTL13	1210	3.493	3.134	1 1/4	1	2 15/32	B	0.8	0.6
14	IDC H60BTL14	1210	3.736	3.371	1 1/4	1	2 19/32	B	1.0	0.6
15	IDC H60BTL15	1610	3.979	3.607	1 5/8	1	2 25/32	B	1.0	0.9
16	IDC H60BTL16	1610	4.221	3.844	1 5/8	1	3	B	1.4	0.9
17	IDC H60BTL17	1610	4.462	4.082	1 5/8	1	3 1/4	B	1.8	0.9
18	IDC H60BTL18	1610	4.704	4.319	1 5/8	1	3 1/2	B	1.9	0.9
19	IDC H60BTL19	1610	4.945	4.557	1 5/8	1	3 2 1/2	B	2.2	0.9
20	IDC H60BTL20	2012	5.185	4.794	2	1 1/4	3 15/16	B	2.2	1.7
21	IDC H60BTL21	2012	5.426	5.032	2	1 1/4	4	B	2.5	1.7
22	IDC H60BTL22	2012	5.666	5.270	2	1 1/4	4	B	2.8	1.7
23	IDC H60BTL23	2012	5.907	5.508	2	1 1/4	4	B	3.1	1.7
24	IDC H60BTL24	2012	6.147	5.746	2	1 1/4	3 9/16	B	3.4	1.7
25	IDC H60BTL25	2012	6.387	5.984	2	1 1/4	3 9/16	B	3.7	1.7
26	IDC H60BTL26	2012	6.627	6.222	2	1 1/4	3 9/16	B	4.0	1.7
27	IDC H60BTL27	2012	6.867	6.416	2	1 1/4	3 9/16	B	4.3	1.7
28	IDC H60BTL28	2012	7.107	6.699	2	1 1/4	3 9/16	B	4.6	1.7
30	IDC H60BTL30	2012	7.586	7.175	2	1 1/4	3 9/16	B	5.2	1.7
32	IDC H60BTL32	2012	8.065	8.367	2	1 1/4	3 9/16	B	5.6	1.7
35	IDC H60BTL35	2012	8.783	8.605	2	1 1/4	3 9/16	B	6.4	1.7
36	IDC H60BTL36	2012	9.022	9.559	2	1 1/4	3 9/16	B	6.6	1.7
40	IDC H60BTL40	2012	9.980	10.036	2	1 1/4	3 9/16	B	8.3	1.7
42	IDC H60BTL42	2012	10.458	10.752	2	1 1/4	3 9/16	B	10.0	1.7
45	IDC H60BTL45	2012	11.175	11.467	2	1 1/4	3 9/16	B	11.5	1.7
48	IDC H60BTL48	2012	11.893	12.899	2	1 1/4	3 9/16	B	13.2	1.7
54	IDC H60BTL54	2517	13.327	14.330	2 1/2	1 3/4	4 1/4	B	17.1	3.5
60	IDC H60BTL60	2517	14.761	16.717	2 1/2	1 3/4	4 1/4	B	21.0	3.5

IDC SELECT® STANDARD SPROCKETS

SINGLE - TYPE QD® NO. 60 3/4" PITCH

60



SPROCKETS

No. Teeth	Part No.	Bushing	Diameter		Type	Max. Bore	Dimensions							Weight lbs (approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	G	X	T	With Hub	Rim Only
11	IDC H60JA11	JA	3.000	2.662	B	1 1/4	1 1/8	1 1/8	2 1/16	35/64	11/64	5/8	0.459	1.36	0.46
12	IDC H60JA12	JA	3.250	2.898	B	1 1/4	1 1/8	1 1/8	2 1/16	35/64	11/64	5/8	0.459	1.50	0.60
13	IDC H60JA13	JA	3.490	3.134	B	1 1/4	1 1/8	1 1/8	2 1/16	35/64	11/64	5/8	0.459	1.66	0.76
14	IDC H60SH14	SH	3.740	3.371	B	1 5/8	1 7/16	1 7/16	2 11/16	51/64	23/64	19/16	0.459	1.88	0.88
15	IDC H60SH15	SH	3.980	3.607	B	1 5/8	1 7/16	1 7/16	2 11/16	51/64	23/64	19/16	0.459	2.08	1.08
16	IDC H60SH16	SH	4.220	3.844	B	1 5/8	1 7/16	1 7/16	2 11/16	51/64	23/64	19/16	0.459	2.26	1.26
17	IDC H60SDS17	SDS	4.460	4.082	B	2	1 1/2	1 1/2	3 3/16	55/64	19/64	3/4	0.459	2.38	1.38
18	IDC H60SDS18	SDS	4.700	4.319	B	2	1 1/2	1 1/2	3 3/16	55/64	19/64	3/4	0.459	2.56	1.56
19	IDC H60SDS19	SDS	4.950	4.557	B	2	1 1/2	1 1/2	3 3/16	55/64	19/64	3/4	0.459	2.76	1.76
20	IDC H60SDS20	SDS	5.190	4.794	B	2	1 1/2	1 1/2	3 3/16	55/64	19/64	3/4	0.459	3.00	2.00
21	IDC H60SDS21	SDS	5.430	5.032	B	2	1 1/2	1 1/2	3 3/16	55/64	19/64	3/4	0.459	3.20	2.20
22	IDC H60SDS22	SDS	5.670	5.270	B	2	1 1/2	1 1/2	3 3/16	55/64	19/64	3/4	0.459	3.44	2.44
23	IDC H60SDS23	SDS	5.910	5.508	B	2	1 1/2	1 1/2	3 3/16	55/64	19/64	3/4	0.459	3.70	2.70
24	IDC H60SDS24	SDS	6.150	5.746	B	2	1 1/2	1 1/2	3 3/16	55/64	19/64	3/4	0.459	3.94	2.94
25	IDC H60SDS25	SDS	6.390	5.984	B	2	1 1/2	1 1/2	3 3/16	55/64	19/64	3/4	0.459	4.24	3.24
26	IDC H60SK26	SK	6.630	6.222	B	2 5/8	2 1/8	2 1/8	3 7/8	1 27/64	51/64	1 1/4	0.459	6.18	4.18
27	IDC H60SK27	SK	6.870	6.460	B	2 5/8	2 1/8	2 1/8	3 7/8	1 27/64	51/64	1 1/4	0.459	6.52	4.52
28	IDC H60SK28	SK	7.110	6.699	B	2 5/8	2 1/8	2 1/8	3 7/8	1 27/64	51/64	1 1/4	0.459	6.72	4.72
30	IDC H60SK30	SK	7.590	7.175	B	2 5/8	2 1/8	2 1/8	3 7/8	1 27/64	51/64	1 1/4	0.459	7.34	5.34
32	IDC H60SK32	SK	8.070	7.652	B	2 5/8	2 1/8	2 1/8	3 7/8	1 27/64	51/64	1 1/4	0.459	8.10	6.10
35	IDC H60SK35	SK	8.780	8.367	B	2 5/8	2 1/8	2 1/8	3 7/8	1 27/64	51/64	1 1/4	0.459	9.42	7.42
36	IDC H60SK36	SK	9.020	8.605	B	2 5/8	2 1/8	2 1/8	3 7/8	1 27/64	51/64	1 1/4	0.459	9.70	7.70
40	IDC H60SK40	SK	9.980	9.559	B	2 5/8	2 1/8	2 1/8	3 7/8	1 27/64	51/64	1 1/4	0.459	11.56	9.56
42	IDC H60SF42	SF	10.460	10.036	B	2 15/16	2 1/4	2 1/4	4 5/8	1 35/64	51/64	1 1/4	0.459	13.78	10.78
45	IDC H60SF45	SF	11.180	10.752	B	2 15/16	2 1/4	2 1/4	4 5/8	1 35/64	51/64	1 1/4	0.459	15.40	12.40
48	IDC H60SF48	SF	11.890	11.467	B	2 15/16	2 1/4	2 1/4	4 5/8	1 35/64	51/64	1 1/4	0.459	17.26	14.26
54	IDC H60SF54	SF	13.330	12.899	B	2 15/16	2 1/4	2 1/4	4 5/8	1 35/64	51/64	1 1/4	0.459	20.02	17.02
60	IDC H60SF60	SF	14.760	14.331	B	2 15/16	2 1/4	2 1/4	4 5/8	1 35/64	51/64	1 1/4	0.459	23.76	20.76

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PLAIN BORE NO. 80 1" PITCH

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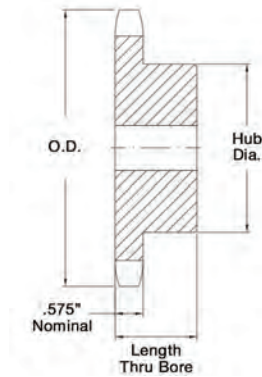
No. Teeth	Part No.	Outside Diameter	Type	Bore (in)		Hub (in)		Weight lbs (approx.)
				Stock	Rec. Max.	Diameter	Length Thru	
8	IDC H80B8	3.010	B	1	1	1 ¹⁵ / ₁₆ #	1 ⁵ / ₈	1.40
9	IDC H80B9	3.350	B	1	1 ⁵ / ₁₆	2 ¹ / ₄ #	1 ⁵ / ₈	1.60
10	IDC H80B10	3.680	B	1	1 ¹ / ₂	2 ⁹ / ₁₆ #	1 ⁵ / ₈	2.20
11	IDC H80B11	4.010	B	1	1 ⁵ / ₈	2 ¹³ / ₁₆ #	1 ⁵ / ₈	3.20
12	IDC H80B12	4.330	B	1	1 ⁷ / ₈	3 ¹ / ₈ #	1 ⁵ / ₈	3.40
13	IDC H80B13	4.660	B	1	2	3	1 ¹ / ₂	3.50
14	IDC H80B14	4.980	B	1	2 ¹ / ₄	3 ¹ / ₄	1 ¹ / ₂	4.10
15	IDC H80B15	5.300	B	1	2 ¹ / ₂	3 ¹³ / ₁₆	1 ¹ / ₂	5.30
16	IDC H80B16	5.630	B	1	2 ³ / ₄	4	1 ¹ / ₂	5.90
17	IDC H80B17	5.950	B	1	2 ³ / ₄	4	1 ¹ / ₂	6.60
18	IDC H80B18	6.270	B	1	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₂	7.30
19	IDC H80B19	6.590	B	1	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₂	7.80
20	IDC H80B20	6.910	B	1	2 ³ / ₄	4 ¹ / ₄	1 ¹ / ₂	8.40
21	IDC H80B21	7.240	B	1	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	9.40
22	IDC H80B22	7.560	B	1	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	10.00
23	IDC H80B23	7.880	B	1	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	10.70
24	IDC H80B24	8.200	B	1	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	11.30
25	IDC H80B25	8.520	B	1	2 ³ / ₄	4 ¹ / ₄	1 ³ / ₄	11.90
26	IDC H80B26	8.840	B	1 ¹ / ₄	3 ¹ / ₄	4 ³ / ₄	2	14.30
27	IDC H80B27	9.160	B	1 ¹ / ₄	3 ¹ / ₄	4 ³ / ₄	2	15.40
28	IDC H80B28	9.480	B	1 ¹ / ₄	3 ¹ / ₄	4 ³ / ₄	2	16.00
29	IDC H80B29	9.800	B	1 ³ / ₁₆	3 ¹ / ₄	4 ³ / ₄	2	17.10
30	IDC H80B30	10.110	B	1 ³ / ₁₆	3 ¹ / ₄	4 ³ / ₄	2	17.40
31	IDC H80B31	10.430	B	1 ³ / ₁₆	3 ¹ / ₄	4 ³ / ₄	2	18.70
32	IDC H80B32	10.750	B	1 ³ / ₁₆	3 ¹ / ₄	4 ³ / ₄	2	19.50
33	IDC H80B33	11.070	B	1 ³ / ₁₆	3 ¹ / ₄	4 ³ / ₄	2	19.60
34	IDC H80B34	11.390	B	1 ³ / ₁₆	3 ¹ / ₄	4 ³ / ₄	2	21.30

Has recessed groove in hub for chain clearance.
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

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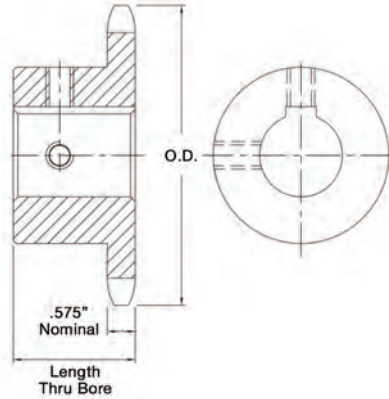
No. Teeth	Part No.	Outside Diameter	Type	Bore (in)		Hub (in)		Weight lbs (approx.)
				Stock	Rec. Max.	Diameter	Length Thru	
35	IDC H80B35	11.710	B	1 ³ / ₁₆	3 ¹ / ₄	4 ³ / ₄	2	22.10
36	IDC H80B36	12.030	B	1 ³ / ₁₆	3 ¹ / ₄	4 ³ / ₄	2	23.10
37	IDC H80B37	12.350	B	1 ³ / ₁₆	3 ¹ / ₄	4 ³ / ₄	2	23.80
38	IDC H80B38	12.670	B	1 ³ / ₁₆	3 ¹ / ₄	4 ³ / ₄	2	24.70
39	IDC H80B39	12.990	B	1 ³ / ₁₆	3 ¹ / ₄	4 ³ / ₄	2	25.60
40	IDC H80B40	13.310	B	1 ³ / ₁₆	3 ¹ / ₄	4 ³ / ₄	2	26.70
41	IDC H80B41	13.630	B	1 ¹ / ₄	3 ¹ / ₄	4 ³ / ₄	2	27.80
42	IDC H80B42	13.940	B	1 ¹ / ₄	3 ¹ / ₄	4 ³ / ₄	2	28.70
43	IDC H80B43	14.260	B	1 ¹ / ₄	3 ¹ / ₄	4 ³ / ₄	2	29.40
44	IDC H80B44	14.580	B	1 ¹ / ₄	3 ¹ / ₄	4 ³ / ₄	2	29.90
45	IDC H80B45	14.900	B	1 ¹ / ₄	3 ¹ / ₄	4 ³ / ₄	2	31.14
46	IDC H80B46	15.220	B	1 ¹ / ₄	3 ¹ / ₄	4 ³ / ₄	2	33.10
47	IDC H80B47	15.540	B	1 ¹ / ₄	3 ¹ / ₄	4 ³ / ₄	2	34.00
48	IDC H80B48	15.860	B	1 ¹ / ₄	3 ¹ / ₄	4 ³ / ₄	2	35.50
49	IDC H80B49	16.180	B	1 ¹ / ₄	3 ¹ / ₄	4 ³ / ₄	2	35.80
50	IDC H80B50	16.500	B	1 ¹ / ₄	3 ¹ / ₄	4 ³ / ₄	2	37.30
51	IDC H80B51	16.810	B	1 ¹ / ₄	3 ¹ / ₄	4 ³ / ₄	2	38.60
52	IDC H80B52	17.130	B	1 ¹ / ₄	3 ¹ / ₄	4 ³ / ₄	2	39.40
53	IDC H80B53	17.450	B	1 ¹ / ₄	3 ¹ / ₄	4 ³ / ₄	2	41.30
54	IDC H80B54	17.770	B	1 ¹ / ₄	3 ¹ / ₂	5 ¹ / ₄	2	44.70
55	IDC H80B55	18.090	B	1 ¹ / ₄	3 ¹ / ₂	5 ¹ / ₄	2	45.60
56	IDC H80B56	18.410	B	1 ¹ / ₄	3 ¹ / ₂	5 ¹ / ₄	2	47.50
57	IDC H80B57	18.730	B	1 ¹ / ₄	3 ¹ / ₂	5 ¹ / ₄	2	48.50
58	IDC H80B58	19.040	B	1 ¹ / ₄	3 ¹ / ₂	5 ¹ / ₄	2	50.50
59	IDC H80B59	19.360	B	1 ¹ / ₄	3 ¹ / ₂	5 ¹ / ₄	2	52.10
60	IDC H80B60	19.680	B	1 ¹ / ₄	3 ¹ / ₂	5 ¹ / ₄	2	54.50

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FINISHED BORE NO. 80 1" PITCH

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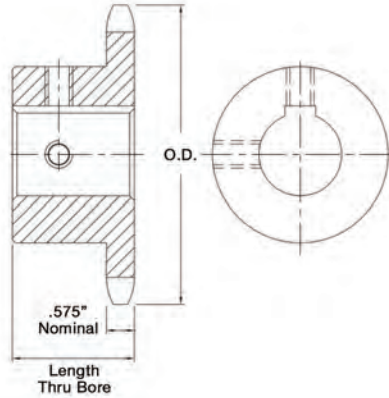
No. Teeth	Part No.	Outside Diameter	Length Thru Bore	Weight lbs (approx.)	Stock Finished Bores Includes Keyway and 2 Setscrews
9	IDC H80B9F	3.350	1 $\frac{5}{8}$	1.60	1 - 1 $\frac{1}{8}$ - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$
10	IDC H80B10F	3.680	1 $\frac{5}{8}$	1.70	1 - 1 $\frac{1}{8}$ - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$
11	IDC H80B11F	4.010	1 $\frac{5}{8}$	1.80	1 - 1 $\frac{1}{8}$ - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$
12	IDC H80B12F	4.330	1 $\frac{5}{8}$	3.00	1 - 1 $\frac{1}{8}$ - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$
13	IDC H80B13F	4.660	1 $\frac{1}{2}$	3.50	1 - 1 $\frac{1}{8}$ - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2
14	IDC H80B14F	4.980	1 $\frac{1}{2}$	4.10	1 - 1 $\frac{1}{8}$ - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2
15	IDC H80B15F	5.300	1 $\frac{1}{2}$	5.20	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2
16	IDC H80B16F	5.630	1 $\frac{1}{2}$	5.50	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$
17	IDC H80B17F	5.950	1 $\frac{1}{2}$	6.00	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
18	IDC H80B18F	6.270	1 $\frac{1}{2}$	6.50	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
19	IDC H80B19F	6.590	1 $\frac{1}{2}$	7.00	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
20	IDC H80B20F	6.910	1 $\frac{1}{2}$	8.00	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
21	IDC H80B21F	7.240	1 $\frac{3}{4}$	8.90	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
22	IDC H80B22F	7.560	1 $\frac{3}{4}$	9.50	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
23	IDC H80B23F	7.880	1 $\frac{3}{4}$	10.20	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
24	IDC H80B24F	8.200	1 $\frac{3}{4}$	10.80	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
25	IDC H80B25F	8.520	1 $\frac{3}{4}$	11.40	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
26	IDC H80B26F	8.840	2	14.00	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
27	IDC H80B27F	9.160	2	14.70	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
28	IDC H80B28F	9.480	2	15.30	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
29	IDC H80B29F	9.800	2	16.40	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
30	IDC H80B30F	10.110	2	16.70	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
31	IDC H80B31F	10.430	2	18.00	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
32	IDC H80B32F	10.750	2	18.80	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
33	IDC H80B33F	11.070	2	18.90	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
34	IDC H80B34F	11.390	2	20.60	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
35	IDC H80B35F	11.710	2	21.40	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
36	IDC H80B36F	12.030	2	22.40	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
37	IDC H80B37F	12.350	2	23.90	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$
38	IDC H80B38F	12.670	2	24.00	1 - 1 $\frac{3}{16}$ - 1 $\frac{1}{4}$ - 1 $\frac{3}{8}$ - 1 $\frac{7}{16}$ - 1 $\frac{1}{2}$ - 1 $\frac{5}{8}$ - 1 $\frac{3}{4}$ - 1 $\frac{7}{8}$ - 1 $\frac{15}{16}$ - 2 - 2 $\frac{3}{16}$ - 2 $\frac{7}{16}$

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

IDC SELECT® SPROCKETS

FINISHED BORE NO. 80 1" PITCH

80



SPROCKETS

No. Teeth	Part No.	Outside Diameter	Length Thru Bore	Weight lbs (approx.)	Stock Finished Bores Includes Keyway and 2 Setscrews
39	IDC H80B39F	12.990	2	24.90	1/4 - 1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
40	IDC H80B40F	13.310	2	26.00	1/4 - 1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
41	IDC H80B41F	13.630	2	27.10	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
42	IDC H80B42F	13.940	2	28.00	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
43	IDC H80B43F	14.260	2	29.30	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
44	IDC H80B44F	14.580	2	29.30	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
45	IDC H80B45F	14.900	2	30.70	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
46	IDC H80B46F	15.220	2	32.40	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
47	IDC H80B47F	15.540	2	33.30	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
48	IDC H80B48F	15.860	2	34.80	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
49	IDC H80B49F	16.180	2	35.10	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
50	IDC H80B50F	16.500	2	36.60	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
51	IDC H80B51F	16.810	2	38.50	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
52	IDC H80B52F	17.130	2	40.30	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
53	IDC H80B53F	17.450	2	42.20	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
54	IDC H80B54F	17.770	2	44.00	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
55	IDC H80B55F	18.090	2	46.30	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
56	IDC H80B56F	18.410	2	47.30	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
57	IDC H80B57F	18.730	2	48.90	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
58	IDC H80B58F	19.040	2	50.60	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
59	IDC H80B59F	19.360	2	52.20	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16
60	IDC H80B60F	19.680	2	58.80	1/8 - 17/16 - 1 1/2 - 1 5/8 - 1 3/4 - 1 15/16 - 2 - 2 3/16 - 2 7/16 - 2 15/16

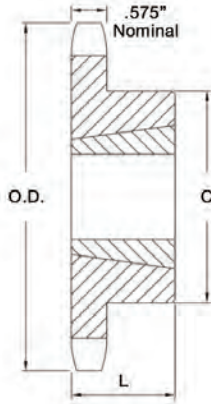
NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

IDC SELECT® STANDARD SPROCKETS

SINGLE - TAPER-LOCK® NO. 80 1" PITCH

SPROCKETS

80



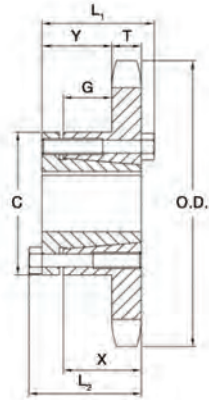
No. Teeth	Part No.	Bushing	Diameter		Max. Bore	Dimensions		Type	Weight lbs (approx.)	
			Outside Diameter	Pitch Diameter		L	C		Rim Only	Bushing Only
10	IDC H80BTL10	1215	3.678	3.236	1¼	1½	2¾ #	B	1.1	0.8
11	IDC H80BTL11	1215	4.006	3.549	1¼	1½	2 ¹⁵ / ₃₂ #	B	1.5	0.8
12	IDC H80BTL12	1615	4.332	3.864	1⅝	1½	3 #	B	1.8	1.2
13	IDC H80BTL13	1615	4.657	4.179	1⅝	1½	3	B	2.3	1.2
14	IDC H80BTL14	1615	4.982	4.494	1⅝	1½	3 ¹ / ₃₂	B	2.5	1.2
15	IDC H80BTL15	1615	5.305	4.810	1⅝	1½	3½	B	2.7	1.2
16	IDC H80BTL16	2012	5.627	5.126	2	1¼	4	B	2.8	1.7
17	IDC H80BTL17	2012	5.950	5.442	2	1¼	4	B	3.1	1.7
18	IDC H80BTL18	2012	6.271	5.759	2	1¼	3 ⁹ / ₁₆	B	2.6	1.7
19	IDC H80BTL19	2012	6.593	6.076	2	1¼	3 ⁹ / ₁₆	B	4.1	1.7
20	IDC H80BTL20	2517	6.914	6.392	2½	1¾	4¼	B	5.5	1.7
21	IDC H80BTL21	2517	7.235	6.710	2½	1¾	4¼	B	6.0	3.5
22	IDC H80BTL22	2517	7.555	7.027	2½	1¾	4¼	B	6.5	3.5
23	IDC H80BTL23	2517	7.875	7.344	2½	1¾	4¼	B	7.0	3.5
24	IDC H80BTL24	2517	8.196	7.661	2½	1¾	4¼	B	7.5	3.5
25	IDC H80BTL25	2517	8.516	7.979	2½	1¾	4¼	B	8.1	3.5
26	IDC H80BTL26	2517	8.836	8.296	2½	1¾	4¼	B	8.8	3.5
27	IDC H80BTL27	2517	9.156	8.614	2½	1¾	4¼	B	9.0	3.5
28	IDC H80BTL28	2517	9.475	8.931	2½	1¾	4¼	B	9.5	3.5
30	IDC H80BTL30	2517	10.114	9.567	2½	1¾	4¼	B	11.5	3.5
32	IDC H80BTL32	2517	10.753	10.202	2½	1¾	4¼	B	12.0	3.5
35	IDC H80BTL35	2517	11.711	11.156	2½	1¾	4¼	B	15.2	3.5
36	IDC H80BTL36	2517	12.030	11.474	2½	1¾	4¼	B	17.0	3.5
40	IDC H80BTL40	2517	13.306	12.746	2½	1¾	4¼	B	21.0	3.5
45	IDC H80BTL45	2517	14.901	14.336	2½	1¾	4¼	B	26.5	3.5
48	IDC H80BTL48	2517	15.857	15.290	2½	1¾	4¼	B	29.5	3.5
54	IDC H80BTL54	2517	17.769	17.198	2½	1¾	4¼	B	38.5	3.5
60	IDC H80BTL60	2517	19.681	19.107	2½	1¾	4¼	B	45.0	3.5

Has recessed groove in hub for chain clearance.

IDC SELECT® STANDARD SPROCKETS

SINGLE - TYPE QD® NO. 80 1" PITCH

80



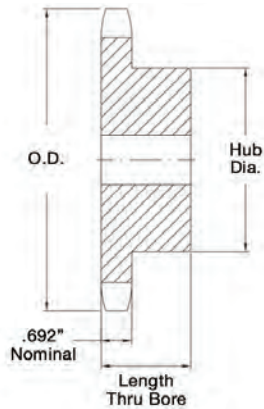
SPROCKETS

No. Teeth	Part No.	Bushing	Diameter		Type	Max. Bore	Dimensions							Weight lbs (approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	G	X	T	With Hub	Rim Only
11	IDC H80SH11	SH	4.010	3.550	B	1 $\frac{5}{8}$	1 $\frac{7}{16}$	1 $\frac{7}{16}$	2 $\frac{1}{16}$	2 $\frac{1}{32}$	1 $\frac{27}{64}$	1 $\frac{3}{16}$	0.575	2.0	1.0
12	IDC H80SH12	SH	4.330	3.864	B	1 $\frac{5}{8}$	1 $\frac{7}{16}$	1 $\frac{7}{16}$	2 $\frac{1}{16}$	2 $\frac{1}{32}$	1 $\frac{27}{64}$	1 $\frac{3}{16}$	0.575	2.4	1.4
13	IDC H80SDS13	SDS	4.660	4.179	B	2	1 $\frac{1}{2}$	1 $\frac{1}{2}$	3 $\frac{3}{16}$	4 $\frac{7}{64}$	1 $\frac{27}{64}$	3 $\frac{3}{4}$	0.575	2.5	1.5
14	IDC H80SDS14	SDS	4.980	4.494	B	2	1 $\frac{1}{2}$	1 $\frac{1}{2}$	3 $\frac{3}{16}$	4 $\frac{7}{64}$	1 $\frac{27}{64}$	3 $\frac{3}{4}$	0.575	2.8	1.8
15	IDC H80SK15	SK	5.300	4.810	B	2 $\frac{5}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{8}$	3 $\frac{7}{8}$	1 $\frac{19}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	4.5	2.5
16	IDC H80SK16	SK	5.630	5.126	B	2 $\frac{5}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{8}$	3 $\frac{7}{8}$	1 $\frac{19}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	5.1	3.1
17	IDC H80SK17	SK	5.950	5.442	B	2 $\frac{5}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{8}$	3 $\frac{7}{8}$	1 $\frac{19}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	5.5	3.5
18	IDC H80SK18	SK	6.270	5.759	B	2 $\frac{5}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{8}$	3 $\frac{7}{8}$	1 $\frac{19}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	5.9	3.9
19	IDC H80SK19	SK	6.590	6.076	B	2 $\frac{5}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{8}$	3 $\frac{7}{8}$	1 $\frac{19}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	6.4	4.4
20	IDC H80SF20	SF	6.910	6.392	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	8.3	5.3
21	IDC H80SF21	SF	7.240	6.710	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	8.7	5.7
22	IDC H80SF22	SF	7.560	7.027	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	9.3	6.3
23	IDC H80SF23	SF	7.880	7.344	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	9.8	6.8
24	IDC H80SF24	SF	8.200	7.661	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	10.5	7.5
25	IDC H80SF25	SF	8.520	7.979	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	11.0	8.0
26	IDC H80SF26	SF	8.840	8.296	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	11.6	8.6
27	IDC H80SF27	SF	9.160	8.614	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	12.4	9.4
28	IDC H80SF28	SF	9.480	8.931	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	13.2	10.2
30	IDC H80SF30	SF	10.110	9.567	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	14.3	11.3
32	IDC H80SF32	SF	10.750	10.202	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	16.0	13.0
33	IDC H80SF33	SF	11.070	10.520	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	16.5	13.5
34	IDC H80SF34	SF	11.390	10.838	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	17.1	14.1
35	IDC H80SF35	SF	11.710	11.156	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	18.5	15.5
36	IDC H80SF36	SF	12.030	11.474	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	19.9	16.9
40	IDC H80SF40	SF	13.310	12.746	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	23.6	20.6
42	IDC H80SF42	SF	13.940	13.382	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	25.4	22.4
45	IDC H80SF45	SF	14.900	14.336	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	28.1	25.1
48	IDC H80SF48	SF	15.860	15.290	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	31.6	28.6
54	IDC H80SF54	SF	17.770	17.198	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	39.8	36.8
60	IDC H80SF60	SF	19.680	19.107	B	2 $\frac{15}{16}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	4 $\frac{5}{8}$	1 $\frac{27}{64}$	1 $\frac{27}{64}$	1 $\frac{1}{4}$	0.575	48.8	45.8

IDC SELECT® SPROCKETS

PLAIN BORE NO. 100 1 1/4" PITCH

100



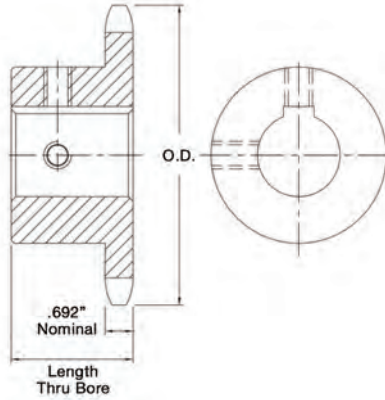
No. Teeth	Part No.	Outside Diameter	Type	Bore (in)		Hub (in)		Weight lbs (approx.)
				Stock	Rec. Max.	Diameter	Length Thru	
8	IDC H100B8	3.770	B	1	1 1/4	2 7/16 #	1 7/8	2.3
9	IDC H100B9	4.180	B	1	1 5/8	2 13/16 #	1 7/8	3.2
10	IDC H100B10	4.600	B	1	1 7/8	3 1/4 #	1 7/8	4.1
11	IDC H100B11	5.010	B	1	2 1/4	3 9/16 #	1 7/8	5.3
12	IDC H100B12	5.420	B	1	2 1/4	4 #	1 7/8	6.4
13	IDC H100B13	5.820	B	1	2 3/8	3 7/8	1 5/8	6.6
14	IDC H100B14	6.230	B	1 1/4	2 3/4	4 3/16	1 5/8	7.4
15	IDC H100B15	6.630	B	1 1/4	3	4 1/2	1 3/4	9.2
16	IDC H100B16	7.030	B	1 5/16	3	4 1/2	1 3/4	9.9
17	IDC H100B17	7.440	B	1 5/16	3	4 1/2	1 3/4	10.8
18	IDC H100B18	7.840	B	1 5/16	3	4 1/2	1 3/4	11.5
19	IDC H100B19	8.240	B	1 5/16	3	4 1/2	2	13.1
20	IDC H100B20	8.640	B	1 5/16	3	4 1/2	2	14.2
21	IDC H100B21	9.040	B	1 5/16	3	4 1/2	2	15.3
22	IDC H100B22	9.440	B	1 5/16	3	4 1/2	2	16.1
23	IDC H100B23	8.840	B	1 1/4	3	4 1/2	2	17.2
24	IDC H100B24	10.250	B	1 1/4	3	4 1/2	2	19.2
25	IDC H100B25	10.650	B	1 1/4	3	4 1/2	2	19.5
26	IDC H100B26	11.050	B	1 1/4	3 5/16	5	2	21.7
27	IDC H100B27	11.440	B	1 1/4	3 5/16	5	2	23.0
28	IDC H100B28	11.840	B	1 1/4	3 5/16	5	2	24.4
29	IDC H100B29	12.240	B	1 1/4	3 5/16	5	2	25.0
30	IDC H100B30	12.640	B	1 1/4	3 5/16	5	2	26.9
32	IDC H100B32	13.440	B	1 1/4	3 5/16	5	2	29.8
35	IDC H100B35	14.640	B	1 1/4	3 5/16	5	2 1/2	36.9
36	IDC H100B36	15.040	B	1 1/4	3 5/16	5	2 1/2	38.6
38	IDC H100B38	15.840	B	1 1/4	3 5/16	5	2 1/2	41.5
39	IDC H100B39	16.230	B	1 1/4	3 5/16	5	2 1/2	43.6
40	IDC H100B40	16.630	B	1 1/4	3 5/16	5	2 1/2	46.9
42	IDC H100B42	17.430	B	1 1/4	3 5/16	5	2 1/2	50.4
45	IDC H100B45	18.630	B	1 1/2	3 5/16	5	2 1/2	54.0
48	IDC H100B48	19.820	B	1 1/2	4	6	2 1/2	66.0

Has recessed groove in hub for chain clearance.
Maximum bores shown will accommodate standard keyseat and setscrew over keyseat.

IDC SELECT® SPROCKETS

FINISHED BORE NO. 100 1 1/4" PITCH

100



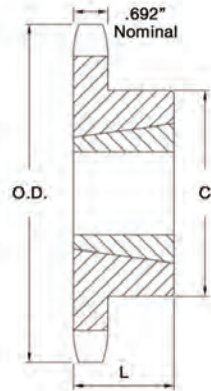
No. Teeth	Part No.	Outside Diameter	Length Thru Bore	Weight lbs (approx.)	Stock Finished Bores Includes Keyway and 2 Setscrews
9	IDC H100B9F	4.180	1 7/8	3.00	1 - 1 3/16 - 1 1/4 - 1 7/16
10	IDC H100B10F	4.600	1 7/8	3.90	1 - 1 3/16 - 1 1/4 - 1 7/16
11	IDC H100B11F	5.010	1 7/8	4.90	1 - 1 3/16 - 1 1/4 - 1 7/16 - 1 15/16 - 2 - 2 3/16
12	IDC H100B12F	5.420	1 7/8	6.00	1 - 1 3/16 - 1 1/4 - 1 7/16 - 1 15/16 - 2 - 2 3/16
13	IDC H100B13F	5.820	1 5/8	6.20	1 - 1 3/16 - 1 1/4 - 1 7/16 - 1 15/16 - 2 - 2 3/16
14	IDC H100B14F	6.230	1 5/8	6.60	1 1/4 - 1 7/16 - 1 15/16 - 2 - 2 3/16
15	IDC H100B15F	6.630	1 3/4	8.40	1 1/4 - 1 7/16 - 1 15/16 - 2 - 2 3/16
16	IDC H100B16F	7.030	1 3/4	9.00	1 1/4 - 1 7/16 - 1 15/16 - 2 - 2 3/16 - 2 7/8 - 2 15/16
17	IDC H100B17F	7.440	1 3/4	9.90	1 1/4 - 1 7/16 - 1 15/16 - 2 - 2 3/16 - 2 7/8 - 2 15/16
18	IDC H100B18F	7.840	1 3/4	10.60	1 1/4 - 1 7/16 - 1 15/16 - 2 - 2 3/16 - 2 7/8 - 2 15/16
19	IDC H100B19F	8.240	2	12.10	1 1/4 - 1 7/16 - 1 15/16 - 2 - 2 3/16 - 2 7/8 - 2 15/16
20	IDC H100B20F	8.640	2	13.20	1 1/4 - 1 7/16 - 1 15/16 - 2 - 2 3/16 - 2 7/8 - 2 15/16
21	IDC H100B21F	9.040	2	14.30	1 1/4 - 1 7/16 - 1 15/16 - 2 - 2 3/16 - 2 7/8 - 2 15/16
22	IDC H100B22F	9.440	2	15.10	1 1/4 - 1 7/16 - 1 15/16 - 2 - 2 3/16 - 2 7/8 - 2 15/16
23	IDC H100B23F	9.840	2	16.10	1 1/4 - 1 7/16 - 1 15/16 - 2 - 2 3/16 - 2 7/8 - 2 15/16
24	IDC H100B24F	10.250	2	18.10	1 1/4 - 1 7/16 - 1 15/16 - 2 - 2 3/16 - 2 7/8 - 2 15/16
25	IDC H100B25F	10.650	2	18.40	1 1/4 - 1 7/16 - 1 15/16 - 2 - 2 3/16 - 2 7/8 - 2 15/16

NOTE: KEYWAY IS ON CENTER LINE OF TOOTH.

IDC SELECT® STANDARD SPROCKETS

SINGLE - TAPER-LOCK® NO. 100 1 1/4" PITCH

100

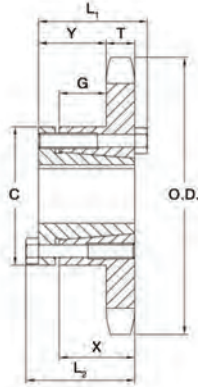


No. Teeth	Part No.	Bushing	Diameter		Max. Bore	Dimensions		Type	Weight lbs (approx.)	
			Outside Diameter	Pitch Diameter		L	C		Rim Only	Bushing Only
11	IDC H100BTL11	1615	5.007	4.437	1 ⁵ / ₈	1 ¹ / ₂	3	B	2.7	1.2
12	IDC H100BTL12	1615	5.415	4.830	1 ⁵ / ₈	1 ¹ / ₂	3 ¹ / ₄	B	3.5	1.2
13	IDC H100BTL13	2012	5.821	5.223	2	1 ¹ / ₄	3 ⁹ / ₁₆	B	3.6	1.7
14	IDC H100BTL14	2012	6.227	5.617	2	1 ¹ / ₄	3 ⁹ / ₁₆	B	3.9	1.7
15	IDC H100BTL15	2517	6.631	6.012	2 ¹ / ₂	1 ³ / ₄	4 ¹ / ₄	B	5.0	3.5
16	IDC H100BTL16	2517	7.034	6.407	2 ¹ / ₂	1 ³ / ₄	4 ¹ / ₂	B	6.4	3.5
17	IDC H100BTL17	2517	7.437	6.803	2 ¹ / ₂	1 ³ / ₄	4 ¹ / ₂	B	7.1	3.5
18	IDC H100BTL18	2517	7.839	7.198	2 ¹ / ₂	1 ³ / ₄	4 ¹ / ₂	B	7.8	3.5
19	IDC H100BTL19	2517	8.241	7.594	2 ¹ / ₂	1 ³ / ₄	4 ¹ / ₂	B	8.7	3.5
20	IDC H100BTL20	2517	8.642	7.991	2 ¹ / ₂	1 ³ / ₄	4 ¹ / ₂	B	9.6	3.5
21	IDC H100BTL21	2517	9.043	8.387	2 ¹ / ₂	1 ³ / ₄	4 ¹ / ₂	B	10.6	3.5
22	IDC H100BTL22	2517	9.444	8.783	2 ¹ / ₂	1 ³ / ₄	4 ¹ / ₂	B	11.0	3.5
24	IDC H100BTL24	2517	10.245	9.577	2 ¹ / ₂	1 ³ / ₄	4 ¹ / ₂	B	13.0	3.5
26	IDC H100BTL26	2517	11.045	10.370	2 ¹ / ₂	1 ³ / ₄	4 ¹ / ₂	B	15.0	3.5
28	IDC H100BTL28	3020	11.844	11.164	3	2	5 ¹ / ₄	B	16.5	6.5
30	IDC H100BTL30	3020	12.643	11.958	3	2	5 ¹ / ₄	B	22.0	6.5
32	IDC H100BTL32	3020	13.442	12.753	3	2	5 ¹ / ₄	B	23.0	6.5
35	IDC H100BTL35	3020	14.639	13.945	3	2	5 ¹ / ₄	B	28.0	6.5
36	IDC H100BTL36	3020	15.038	14.342	3	2	5 ¹ / ₄	B	31.0	6.5
40	IDC H100BTL40	3020	16.633	15.932	3	2	5 ¹ / ₄	B	37.0	6.5
45	IDC H100BTL45	3020	18.626	17.919	3	2	5 ¹ / ₄	B	46	6.5
48	IDC H100BTL48	3020	19.821	19.112	3	2	5 ¹ / ₄	B	53.0	6.5
54	IDC H100BTL54	3020	22.212	21.498	3	2	5 ¹ / ₄	B	62.0	6.5
60	IDC H100BTL60	3020	24.601	23.884	3	2	5 ¹ / ₄	B	72.0	6.5

IDC SELECT® STANDARD SPROCKETS

SINGLE - TAPER QD® NO. 100 1 1/4" PITCH

100



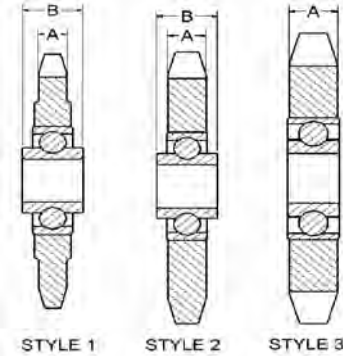
No. Teeth	Part No.	Bushing	Diameter		Type	Max. Bore	Dimensions								Weight lbs (approx.)	
			Outside Diameter	Pitch Diameter			L ₁	L ₂	C	Y	P	G	X	T	With Hub	Rim Only
11	IDC H100SDS11	SDS	5.010	4.437	B	2	1½	1½	3¾	5⁄8	N/A	¼	¾	0.692	3.0	2.0
12	IDC H100SDS12	SDS	5.420	4.830	B	2	1½	1½	3¾	5⁄8	N/A	¼	¾	0.692	3.6	2.6
13	IDC H100SK13	SK	5.820	5.223	B	2½	2½	2½	3¾	1¼	N/A	¼	1¼	0.692	5.3	3.3
14	IDC H100SK14	SK	6.230	5.617	B	2½	2½	2½	3¾	1¼	N/A	¼	1¼	0.692	6.1	4.1
15	IDC H100SF15	SF	6.630	6.012	B	2½	2¼	2¼	4½	1¼	N/A	¼	1¼	0.692	7.8	4.8
16	IDC H100SF16	SF	7.030	6.407	B	2½	2¼	2¼	4½	1¼	N/A	¼	1¼	0.692	8.6	5.6
17	IDC H100SF17	SF	7.440	6.803	B	2½	2¼	2¼	4½	1¼	N/A	¼	1¼	0.692	9.5	6.5
18	IDC H100E18	E	7.840	7.198	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	19.0	9.0
19	IDC H100E19	E	8.240	7.595	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	20.2	10.2
20	IDC H100E20	E	8.640	7.991	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	21.6	11.6
21	IDC H100E21	E	9.040	8.387	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	22.5	12.5
22	IDC H100E22	E	9.440	8.783	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	23.5	13.5
23	IDC H100E23	E	9.840	9.180	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	24.6	14.6
24	IDC H100E24	E	10.250	9.577	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	25.7	15.7
25	IDC H100E25	E	10.650	9.973	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	26.8	16.8
26	IDC H100E26	E	11.050	10.370	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	28.1	18.1
27	IDC H100E27	E	11.440	10.767	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	29.2	19.2
28	IDC H100E28	E	11.840	11.164	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	30.7	20.7
30	IDC H100E30	E	12.640	11.958	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	33.2	23.2
32	IDC H100E32	E	13.440	12.753	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	35.4	25.4
35	IDC H100E35	E	14.640	13.945	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	40.5	30.5
36	IDC H100E36	E	15.040	14.342	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	42.5	32.3
40	IDC H100E40	E	16.630	15.932	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	49.1	29.1
42	IDC H100E42	E	17.430	16.727	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	53.4	43.4
45	IDC H100E45	E	18.630	17.920	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	58.9	48.9
48	IDC H100E48	E	19.820	19.112	B	3½	2½	2½	6	1¼	½	¼	1½	0.692	64.0	54.0
54	IDC H100E54	E	22.210	21.498	B	3½	2½	2½	6	7⁄8	1¼	¼	1½	0.692	72.0	62.0
60	IDC H100E60	E	24.600	23.884	B	3½	2½	2½	6	7⁄8	1¼	¼	1½	0.692	84.0	74.0

IDC SELECT® STANDARD SPROCKETS

IDLER SPROCKETS

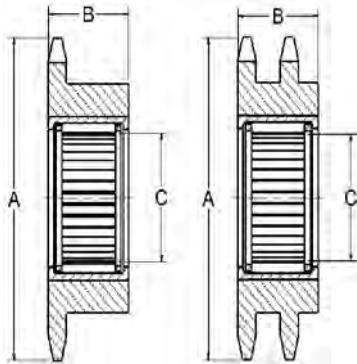
BALL BEARING

Part No.	Chain Size	No. Teeth	Bore (in)	A (in)	B (in)	App. Wt. (lbs)	Style
IDC 35BB20H	35	20	1/2	7/16	1 1/16	0.40	Style 1
IDC 35BB20H	35	20	5/8	7/16	1 1/16	0.40	
IDC 41BB17H	41	17	1/2	7/16	1 1/16	0.50	
IDC 41BB17H	41	17	5/8	7/16	1 1/16	0.50	
IDC 40BB17H	40	17	1/2	7/16	1 1/16	0.60	
IDC 40BB17H	40	17	5/8	7/16	1 1/16	0.60	
IDC 40BB18H	40	18	1/2	7/16	1 1/16	0.70	
IDC 40BB18H	40	18	5/8	7/16	1 1/16	0.70	
IDC 50BB15H	50	15	1/2	7/16	1 1/16	0.80	
IDC 50BB15H	50	15	5/8	7/16	1 1/16	0.80	
IDC 50BB17H	50	17	1/2	7/16	1 1/16	0.90	
IDC 50BB17H	50	17	5/8	7/16	1 1/16	0.90	
IDC 60BB13H	60	13	1/2	7/16	1 1/16	1.10	Style 2
IDC 60BB13H	60	13	5/8	7/16	1 1/16	1.10	
IDC 60BB15H	60	15	1/2	7/16	1 1/16	1.20	
IDC 60BB15H	60	15	5/8	7/16	1 1/16	1.20	
IDC 80BB12H	80	12	3/4	9/16	—	1.60	Style 3



Top quality idler sprockets come standard with name brand bearings. Ball bearing idler sprockets have hardened teeth, precision ground bearings, are double sealed, and pre-lubricated.

BRONZE BEARING / NEEDLE BEARING

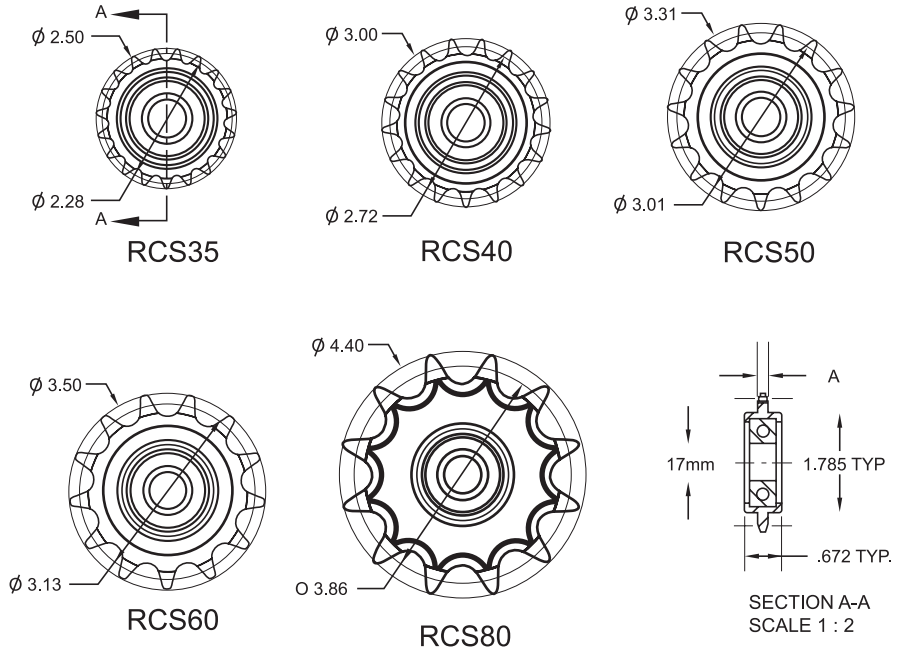


Part No.	Part No.	Chain Size	No. Teeth	Strand Chain	A (in)	B (in)	C (in)	App. Wt. (lbs)
Bronze Bearing	Needle Bearing							
IDC 25BR19H	IDC 25NB19H	25	19	1	1.65	1/2	1/2	0.15
IDC 35BR13H	IDC 35NB13H	35	13	1	1.75	3/4	1/2	0.25
IDC 35BR19H	IDC 35NB19H	35	19	1	2.47	3/4	1	0.44
IDC 41BR19H	IDC 41NB19H	41	19	1	3.30	1	1	1.25
IDC 40BR19H	IDC 40NB19H	40	19	1	3.30	1	1	1.28
IDC 50BR17H	IDC 50NB17H	50	17	1	3.72	1	1	1.62
IDC 60BR11H	IDC 60NB11H	60	11	1	2.96	1 1/4	1	0.95
IDC 60BR17H	IDC 60NB17H	60	17	1	4.46	1 1/4	1	3.12
IDC 80BR13H	IDC 80NB13H	80	13	1	4.66	1 1/2	1	3.50
—	IDC 100NB11H	100	11	1	5.01	1 7/8	1 1/2	4.60
—	IDC 120NB11H	120	11	1	6.01	2 1/8	1 1/2	7.25
—	IDC 140NB11H	140	11	1	7.01	2 1/4	1 1/2	11.30
—	IDC 160NB9H	160	9	1	6.70	2 1/4	1 1/2	9.60
IDC D35BR19H	IDC D35NB19H	D35	19	2	2.47	1 1/4	1	0.78
IDC D40BR19H	IDC D40NB19H	D40	19	2	3.30	1 1/2	1	2.00
IDC D50BR17H	IDC D50NB17H	D50	17	2	3.72	1 3/4	1	2.87
IDC D60BR17H	IDC D60NB17H	D60	17	2	4.46	2 1/8	1	5.42
IDC D80BR13H	IDC D80NB13H	D80	13	2	4.66	2 1/2	1	6.42
—	IDC D100NB11H	D100	11	2	5.01	2 7/8	1 1/2	6.75

All sprockets have hardened teeth.

IDC SELECT® STANDARD SPROCKETS

COMPOSITE SPROCKETS



ONE-PIECE THERMOSPLASTIC BODY ROLLER CHAIN SPROCKETS

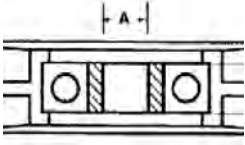
Part No.	ASME/ANSI Chain No.	No. Teeth	Strand	A (in)	C (mm)
IDC RCS35	35	19	1	.160	17
IDC RCS40	40	17	1	.274	17
IDC RCS50	50	15	1	.334	17
IDC RCS60	60	13	1	.449	17
IDC RCS80	80	12	1	.565	17

Bore adapters available. See page 74.

IDC SELECT® STANDARD SPROCKETS

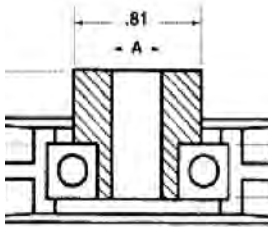
ADAPTERS

BORE ADAPTER



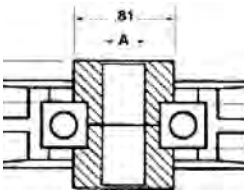
Part Number	A (in)	B (mm)	W (mm)	Approx. Weight (lbs)
IDC BA-01	0.375	17	12	0.02
IDC BA-015	0.472	17	12	0.02
IDC BA-02	0.500	17	12	0.02
IDC BA-03	0.413	17	12	0.02

SHOULDER ADAPTER



Part Number	A (in)	B (in)	W (mm)	Approx. Weight (lbs)
IDC SA-00	0.313	0.39	12	0.08
IDC SA-001	0.313	0.79	12	0.12
IDC SA-015	0.375	0.20	12	0.09
IDC SA-02	0.375	0.27	12	0.06
IDC SA-025	0.375	0.31	12	0.06
IDC SA-03	0.375	0.41	12	0.06
IDC SA-04	0.375	0.46	12	0.06
IDC SA-06	0.375	0.51	12	0.08
IDC SA-065	0.433	0.51	12	0.06
IDC SA-07	0.375	0.59	12	0.08
IDC SA-08	0.375	0.76	12	0.12
IDC SA-10	0.433	0.3	12	0.06
IDC SA-11	0.25	0.3	12	0.06
IDC SA-20	0.5	0.27	12	0.04
SA-25	0.5	0.51	12	0.04
IDC SA-30	0.5	0.76	12	0.08

CLEVIS ADAPTER



Part Number	A (in)	B (in)	W (mm)	Approx. Weight (lbs)
IDC CA-01	0.375	0.27	12	0.08
IDC CA-02	0.5	0.27	12	0.02
IDC CA-05	0.375	0.51	12	0.04
IDC CA-06	0.5	0.51	12	0.06

Unless otherwise specified, all dimensions are in inches.

Dimensions are subject to change without notice.

For sizes not shown please contact IDC Select® at info@IDCselect.com.

DISCLAIMER

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Every reasonable effort has been made to ensure the accuracy of the information in this catalog, but no liability is accepted for errors, omissions, or for any other reason. Specifications within this catalog are subject to change without notice.

WARNING

Failure to observe warnings could create a risk of death or serious injury. Proper maintenance and handling practices are critical. Always follow installation instructions and maintain proper lubrication.

CAUTION

Failure to follow these cautions may result in property damage.

1. Use only subassemblies for assembling chain strands.
2. Do not use individual chain components and do not mix subassemblies from different chain manufacturers.
3. Do not reuse sections from damaged chain. Damage from overloading or yielding may be present though not apparent.
4. Do not use worn chain or install new chain on worn sprockets.

WARRANTY INFORMATION

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CHAIN & SPROCKET

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