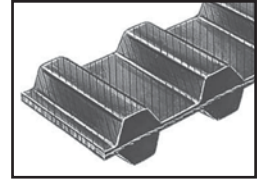


# SYNCHRONOUS BELTS



## Double Sided Standard Timing Belts - DXL, DL, DH Trapezoidal Tooth Profile (Chloroprene with Fiberglass Reinforcing Cord)



Double sided belts afford power transmission from either side of the belt and are often used in reversing and serpentine applications.

Double sided timing belts are produced using the same materials as single sided belts, except that the backside is precision ground from a fiber-reinforced rubber compound. There is no nylon facing on the backside. Power take off from the backside is limited to 50% of the total Jason/Megadyne design manual rating.

Total belt rating is the same as for single sided belts.

**Teeth with nylon cover should always be against the driver pulley.**

Pitch Code	Tooth Pitch (inch)		Width Codes (inch)								Pitch Lengths
			1/4	3/8	1/2	3/4	1	1.5	2	3	
DXL	1/5	0.20	025	037	-	-	-	-	-	-	D60 XL thru D900 XL
DL	3/8	0.375	-	-	050	075	100	-	-	-	D124 L thru D817 L
DH	1/2	0.50	-	-	-	075	100	150	200	300	D240 H thru D1700 H

NOTE: Widths shown are considered standard, but Double Sided Standard Timing Belts can be cut to any width desired.

Double sided timing belts are specified the same way as single sided timing belts except with a "D" prefix -

**Example: D240H100**

### Features & Benefits

- **Fiberglass Tensile Cord** - High dimensional stability
- **Chloroprene Belt Body** - Oil, heat and ozone resistance; high tooth shear resistance
- **Nylon Tooth Cover** - Durability and wear resistance, increased power capacity
- **Double Sided Timing Belts** - Serpentine drives, reverse rotation of driven shafts

### PART NUMBER DESIGNATION

## D240H100

**D** = Double sided tooth construction

**240** = Pitch length in tenths of an inch = 24.0"

**H** = Tooth pitch = 0.5"

**100** = Width code = 1 inch

### Construction

**Compound** - Chloroprene

**Cord** - Fiberglass

**Tooth Cover** - Nylon

**Applications** - General Industry or drives requiring premium efficiency or synchronous applications such as business machines, conveyors, index drives, farm equipment, machine tools, hand power tools, floor care machines.

**Engineering Standards** - Conforms to ARPM standard IP-24

**Recommended Pulleys** - Use pulleys made to ARPM standards

**Special Widths** - Special widths are cut to order from our sleeve stock for fast delivery



# SYNCHRONOUS BELTS

## EXTRA LIGHT "XL" DOUBLE SIDED STANDARD 1/5" PITCH TIMING BELT

Belt Type	Pitch Length (in.)	Number of Teeth	Approx. Wt. (lbs.) 25 (1/4")	Approx. Wt. (lbs.) 37 (3/8")
D60XL	6.0	30	0.005	0.01
D70XL	7.0	35	0.005	0.01
D80XL	8.0	40	0.005	0.01
D90XL	9.0	45	0.005	0.01
D100XL	10.0	50	0.005	0.01
D110XL	11.0	55	0.01	0.01
D120XL	12.0	60	0.01	0.01
D130XL	13.0	65	0.01	0.02
D140XL	14.0	70	0.01	0.02
D150XL	15.0	75	0.01	0.02
D156XL	15.6	78	0.01	0.02
D160XL	16.0	80	0.01	0.02
D170XL	17.0	85	0.01	0.02
D180XL	18.0	90	0.02	0.02
D190XL	19.0	95	0.02	0.02
D200XL	20.0	100	0.02	0.02
D210XL	21.0	105	0.02	0.03
D220XL	22.0	110	0.02	0.03
D230XL	23.0	115	0.02	0.03
D240XL	24.0	120	0.02	0.03
D250XL	25.0	125	0.02	0.03
D260XL	26.0	130	0.02	0.03
D270XL	27.0	135	0.02	0.03
D280XL	28.0	140	0.03	0.04
D290XL	29.0	145	0.03	0.04
D300XL	30.0	150	0.03	0.04
D310XL	31.0	155	0.03	0.04
D330XL	33.0	165	0.03	0.04
D350XL	35.0	175	0.03	0.04
D362XL	36.2	181	0.03	0.05
D392XL	39.2	196	0.04	0.05
D450XL	45.0	225	0.04	0.05
D492XL	49.2	246	0.04	0.06
D690XL	69.0	345	0.06	0.09
D900XL	90.0	450	0.08	0.11

## LIGHT "L" DOUBLE SIDED STANDARD 3/8" PITCH TIMING BELT

Belt Type	Pitch Length (in.)	Number of Teeth	Approx. Wt. (lbs.) 50 (1/2")	Approx. Wt. (lbs.) 75 (3/4")	Approx. Wt. (lbs.) 100 (1")
D124L	12.4	33	0.03	0.05	0.06
D150L	15.0	40	0.04	0.06	0.08
D165L	16.5	44	0.04	0.06	0.09
D173L	17.3	46	0.05	0.07	0.09
D187L	18.7	50	0.05	0.07	0.10
D202L	20.2	54	0.05	0.08	0.10
D210L	21.0	56	0.05	0.08	0.10
D225L	22.5	60	0.05	0.08	0.10
D240L	24.0	64	0.06	0.09	0.12
D255L	25.5	68	0.06	0.09	0.12
D270L	27.0	72	0.07	0.10	0.14
D285L	28.5	76	0.07	0.11	0.14
D300L	30.0	80	0.07	0.11	0.14
D320L	32.0	85	0.07	0.11	0.15
D322L	32.2	86	0.08	0.12	0.16
D345L	34.5	92	0.08	0.12	0.16
D367L	36.7	98	0.08	0.13	0.16
D390L	39.0	104	0.09	0.14	0.18
D420L	42.0	112	0.10	0.15	0.20
D450L	45.0	120	0.10	0.15	0.20
D480L	48.0	128	0.11	0.16	0.22
D510L	51.0	136	0.12	0.18	0.24
D540L	54.0	144	0.13	0.19	0.26
D600L	60.0	160	0.14	0.21	0.28
D660L	66.0	176	0.16	0.24	0.32
D817L	81.7	218	0.20	0.30	0.40

## HEAVY "H" DOUBLE SIDED STANDARD 1/2" PITCH TIMING BELT

Belt Type	Pitch Length (in.)	Number of Teeth	Approx. Wt. (lbs.) 075 (3/4")	Approx. Wt. (lbs.) 100 (1")	Approx. Wt. (lbs.) 150 (1-1/2")	Approx. Wt. (lbs.) 200 (2")	Approx. Wt. (lbs.) 300 (3")
D240H	24.0	48	0.17	0.22	0.34	0.44	0.68
D270H	27.0	54	0.19	0.25	0.38	0.50	0.76
D300H	30.0	60	0.21	0.28	0.42	0.56	0.82
D330H	33.0	66	0.23	0.30	0.44	0.60	0.92
D350H	35.0	70	0.24	0.32	0.46	0.64	0.96
D360H	36.0	72	0.25	0.33	0.50	0.66	1.00
D375H	37.5	75	0.26	0.35	0.52	0.69	1.06
D390H	39.0	78	0.27	0.36	0.54	0.72	1.08
D400H	40.0	80	0.29	0.38	0.56	0.76	1.15
D420H	42.0	84	0.30	0.40	0.60	0.80	1.20
D450H	45.0	90	0.32	0.43	0.64	0.86	1.28
D480H	48.0	96	0.34	0.45	0.68	0.90	1.36
D510H	51.0	102	0.36	0.48	0.72	0.96	1.42
D540H	54.0	108	0.38	0.51	0.76	1.02	1.52
D570H	57.0	114	0.40	0.53	0.80	1.06	1.60
D600H	60.0	120	0.42	0.56	0.84	1.12	1.68
D630H	63.0	126	0.44	0.59	0.88	1.18	1.76
D660H	66.0	132	0.47	0.63	0.94	1.26	1.86
D700H	70.0	140	0.49	0.65	0.98	1.30	1.96
D725H	72.5	145	0.51	0.68	1.02	1.36	2.04
D750H	75.0	150	0.53	0.71	1.06	1.42	2.12
D800H	80.0	160	0.56	0.75	1.12	1.50	2.24
D850H	85.0	170	0.60	0.80	1.20	1.60	2.40
D900H	90.0	180	0.64	0.85	1.28	1.70	2.56
D1000H	100.0	200	0.71	0.95	1.41	1.90	2.82
D1110H	111.0	222	0.77	1.03	1.54	2.06	3.08
D1250H	125.0	250	0.89	1.19	1.78	2.38	3.56
D1400H	140.0	280	1.00	1.33	2.00	2.66	4.00
D1700H	170.0	340	1.20	1.60	2.40	3.20	4.80