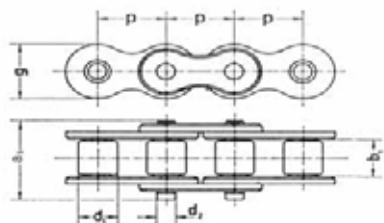


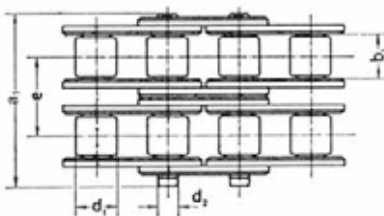
# LANȚURI DE TRANSMISIE A PUTERII • DIN 8187 • POWER TRANSMISSION CHAINS

## Lanțuri de transmisie a puterii standard european DIN 8187 Power transmission chain european standard DIN 8187

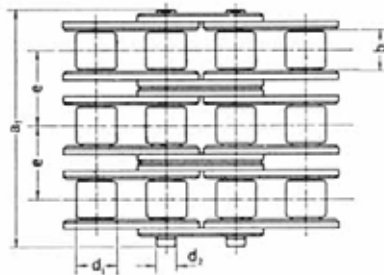
ANSI - Simplu  
ANSI - Single strand



ANSI - Dublu  
ANSI - Double strand

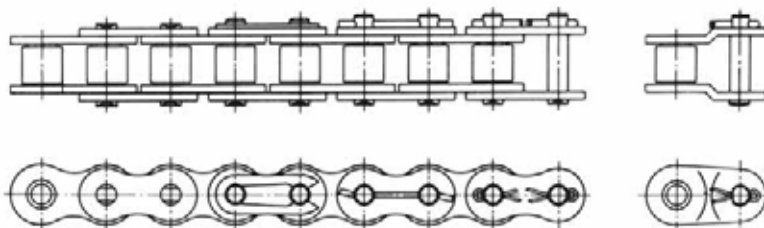


ANSI - Triplu  
ANSI - Triple strand



ISO Nr.	Pas Pitch p	Latimea rolei Roller width b1 max.	Diametrul rolei Roller diameter d1 max.	Diametrul boltului Pin diameter d2 max.	Inaltimea eclisei Linkplate height max. g	e	Latimea totala Total width a1 max.	Rezistenta minima la intindere Minimum tensile strength Fb	Sarcina Weight
	mm	mm	mm	mm	mm		mm	N	≈q Kg / m
04 B-1	6.000	2.80	4.00	1.85	5.0		9.9	3000	0.12
• 05 B-1	8.000	3.00	5.00	2.31	7.1		11.7	5000	0.18
• 06 B-1	9.525	5.72	6.35	3.28	8.2		16.8	9000	0.41
081	12.700	3.30	7.75	3.66	9.9		11.7	8200	0.28
082	12.700	2.36	7.75	3.66	9.9		8.2	10000	0.26
• 083	12.700	4.88	7.75	4.09	10.3		14.4	12000	0.42
085	12.700	6.38	7.77	3.58	9.9		16.0	6800	0.38
• 08 B-1	12.700	7.75	8.51	4.45	11.8		19.0	18000	0.70
• 10 B-1	15.875	9.65	10.16	5.08	14.7		20.5	22400	0.95
• 12 B-1	19.050	11.68	12.07	5.72	16.1		24.2	29000	1.25
16 B-1	25.400	17.02	15.88	8.28	21.0		39.4	60000	2.70
20 B-1	31.750	19.56	19.05	10.19	26.4		43.6	95000	3.60
24 B-1	38.100	25.40	25.40	14.63	33.4		57.8	160000	6.70
28 B-1	44.450	30.99	27.94	15.90	37.0		68.8	200000	8.30
32 B-1	50.800	30.99	29.21	17.81	42.2		70.1	250000	10.50
40 B-1	63.500	38.10	39.37	22.89	52.9		85.8	355000	16.00
48 B-1	76.200	45.72	48.26	29.24	63.8		106.3	566000	25.00
56 B-1	88.900	53.34	53.98	34.32	77.8		123.0	850000	35.00
06 B-2	9.525	5.72	6.35	3.28	8.2	10.24	27.1	16900	0.78
• 08 B-2	12.700	7.75	8.51	4.45	11.8	13.92	33.2	32000	1.35
• 10 B-2	15.875	9.65	10.16	5.08	14.7	16.59	37.5	44500	1.80
• 12 B-2	19.050	11.68	12.07	5.72	16.1	19.46	43.9	57800	2.50
16 B-2	25.400	17.02	15.88	8.28	21.0	31.88	71.9	106000	5.40
20 B-2	31.750	19.56	19.05	10.19	26.4	36.45	80.3	170000	7.20
24 B-2	38.100	25.40	25.40	14.63	33.4	48.36	106.0	280000	13.50
28 B-2	44.450	30.99	27.94	15.90	37.0	59.56	129.0	360000	16.60
32 B-2	50.800	30.99	29.21	17.81	42.2	58.55	129.1	450000	21.00
40 B-2	63.500	38.10	39.37	22.89	52.9	72.29	158.5	630000	32.00
48 B-2	76.200	45.72	48.26	29.24	63.8	91.21	198.0	1000000	50.00
56 B-2	88.900	53.34	53.98	34.32	77.8	106.60	229.5	1600000	70.00
06 B-3	9.525	5.72	6.35	3.28	8.2	10.24	37.3	24900	1.18
08 B-3	12.700	7.75	8.51	4.45	11.8	13.92	47.2	47400	2.00
10 B-3	15.875	9.65	10.16	5.08	14.7	16.59	54.1	66700	2.80
12 B-3	19.050	11.68	12.07	5.72	16.1	19.46	63.5	86700	3.80
16 B-3	25.400	17.02	15.88	8.28	21.0	31.88	103.9	160000	8.00
20 B-3	31.750	19.56	19.05	10.19	26.4	36.45	116.8	250000	11.00
24 B-3	38.100	25.40	25.40	14.63	33.4	48.36	155.5	425000	21.00
28 B-3	44.450	30.99	27.94	15.90	37.0	59.56	188.8	530000	25.00
32 B-3	50.800	30.99	29.21	17.81	42.2	58.55	189.0	670000	32.00
40 B-3	63.500	38.10	39.37	22.89	52.9	72.29	230.8	950000	48.00
48 B-3	76.200	45.72	48.26	29.24	63.8	91.21	289.5	1500000	75.00
56 B-3	88.900	53.34	53.98	34.32	77.8	106.60	336.8	2240000	105.00

- Disponibil deasemenea din oțel inoxidabil AISI 304
- Also available in stainless steel AISI 304



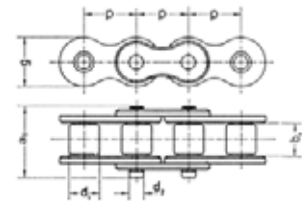
Za interioara Inner link  
Za exteriora Outer link  
Zale legate cu clama elastica Conn. link spring clip  
Zale legate cu dublu stift Conn. link double cotter  
Za offset simpla Offset link simple

# LANȚURI DE TRANSMISIE A PUTERII • DIN 8188 • POWER TRANSMISSION CHAINS

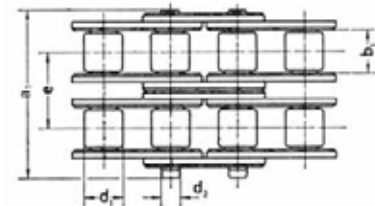
## Lanțuri de transmisie a puterii standard american DIN 8188 Power transmission chain american standard DIN 8188

ANSI Nr.	Pas	Latimea rolei	Diametrul rolei	Diametrul boltului	Inaltimea eclisei	e	Latimea totala	Rezistenta minima la intindere	Sarcina
	Pitch	Roller width	Roller diameter	Pin diameter	Linkplate height		Total width	Minimum tensile strength	
	p	b	d <sub>r</sub> max.	d <sub>p</sub> max.	h max.		a <sub>t</sub> max.	F <sub>t</sub>	q
	mm	mm	mm	mm	mm	mm	mm	N	Kg / m
• 35	9.525	4.77	5.08	3.59	8.3		12.0	9300	0.33
• 40	12.700	7.95	7.92	3.96	11.8		18.3	14100	0.62
• 50	15.875	9.53	10.16	5.08	15.0		22.2	22200	1.01
• 60	19.050	12.70	11.91	5.94	18.0		27.4	31800	1.48
• 80	25.400	15.88	15.88	7.92	24.0		36.8	56700	2.60
100	31.750	19.05	19.05	9.53	30.0		43.6	88500	3.76
120	38.100	25.40	22.23	11.10	36.0		54.7	127000	5.50
140	44.450	25.40	25.40	12.70	42.0		58.5	172400	7.20
160	50.800	31.75	28.58	14.27	48.0		68.4	226800	10.30
200	63.500	38.10	39.68	19.84	58.0		84.2	353800	16.80
60H	19.050	12.70	11.91	5.94	18.0		38.7	31800	1.97
80H	25.400	15.88	15.88	7.92	24.0		47.3	56700	3.25
100H	31.750	19.05	19.05	9.53	30.0		56.2	88500	4.42
120H	38.100	25.40	22.23	11.10	36.0		67.2	127000	6.40
140H	44.450	25.40	25.40	12.70	42.0		72.8	172400	8.20
160H	50.800	31.75	28.58	14.27	48.0		83.3	226800	11.80
35-2	9.525	4.77	5.08	3.59	8.3	10.13	24.5	19000	0.65
40-2	12.700	7.95	7.92	3.96	11.8	14.38	33.0	28200	1.22
50-2	15.875	9.53	10.16	5.08	15.0	18.11	40.7	44400	2.00
60-2	19.050	12.70	11.91	5.94	18.0	22.78	50.4	63600	2.95
80-2	25.400	15.88	15.88	7.92	24.0	29.29	66.5	113400	5.20
100-2	31.750	19.05	19.05	9.53	30.0	35.76	79.6	177000	7.60
120-2	38.100	25.40	22.23	11.10	36.0	45.44	100.5	254000	10.80
140-2	44.450	25.40	25.40	12.70	42.0	48.87	107.8	344800	14.20
160-2	50.800	31.75	28.58	14.27	48.0	58.55	127.5	453600	19.50
200-2	63.500	38.10	39.68	19.84	58.0	71.55	156.2	707600	32.70
35-3	9.525	4.77	5.08	3.59	8.3	10.13	34.7	27800	0.97
40-3	12.700	7.95	7.92	3.96	11.8	14.38	48.0	42300	1.83
50-3	15.875	9.53	10.16	5.08	15.0	18.11	58.9	66600	2.97
60-3	19.050	12.70	11.91	5.94	18.0	22.78	73.3	95400	4.35
80-3	25.400	15.88	15.88	7.92	24.0	29.29	96.0	170100	7.90
100-3	31.750	19.05	19.05	9.53	30.0	35.76	115.5	265500	11.40
120-3	38.100	25.40	22.23	11.10	36.0	45.44	146.1	381000	15.80
140-3	44.450	25.40	25.40	12.70	42.0	48.87	156.8	517200	21.50
160-3	50.800	31.75	28.58	14.27	48.0	58.55	186.1	680400	26.30
200-3	63.500	38.10	39.68	19.84	58.0	71.55	227.8	1061400	48.80

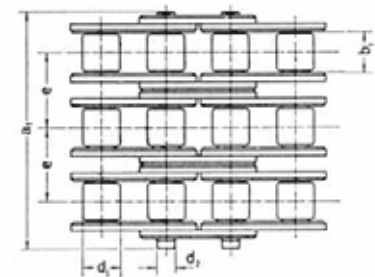
ANSI - Simplu  
ANSI - Single strand



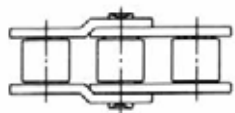
ANSI - Dublu  
ANSI - Double strand



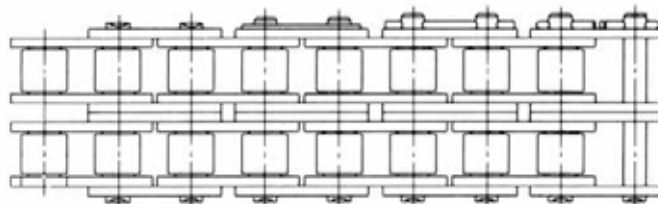
ANSI - Triplu  
ANSI - Triple strand



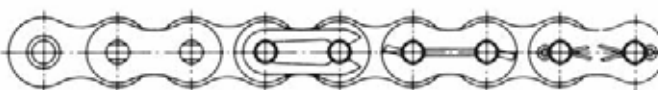
- Disponibil deasemenea din oțel inoxidabil AISI 304
- Also available in stainless steel AISI 304



Za offset dubla  
Offset link double



Za interioara  
Inner link



Za exterioara  
Outer link

Zale legate cu  
clama elastica  
Conn. link  
spring clip

Zale legate cu  
dublu stift  
Conn. link  
double cotter



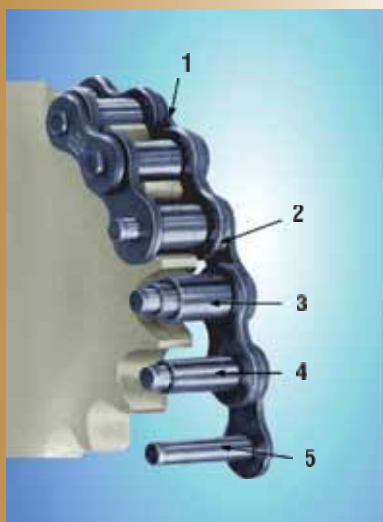
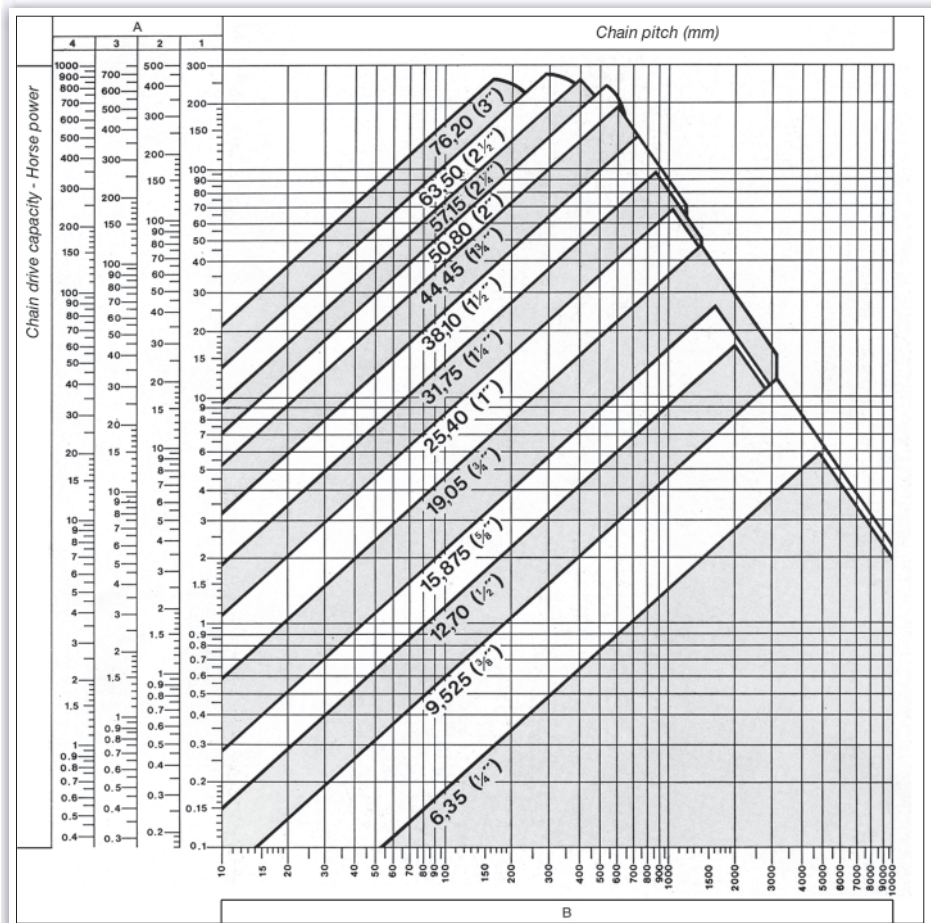
# DIAGRAMA

A: Număr de rânduri lanț  
B: Rotații pe minut la cel mai mic pinion

NOTĂ: Pentru cea mai bună selecție a dimensiunii lanțului, se ia în considerare factorul de protecție corespunzător aplicației.

A: Chain strands  
B: Revolutions per minute of the smaller sprocket

NOTE: For best selection of the chain pitch, take into consideration the appropriate safety factor for your application

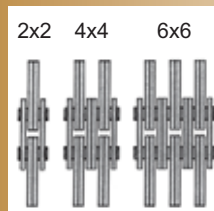


### COMPONENȚA LANȚULUI:

1. Pin de legătură 2. Za de legătură  
3. Rolă 4. Bucșă 5. Pin

### CHAIN SECTION:

1. Pin link 2. Roller link 3. Roller  
4. Bushing 5. Pin



### LANȚURI PENTRU RIDICARE:

\* Disponibile cu pasul de la 1/2" până la 2 1/2"  
\* Standard ANSI și DIN

### LEAF CHAINS:

\* Available pitch from 1/2" up to 2 1/2"  
\* ANSI & DIN standards



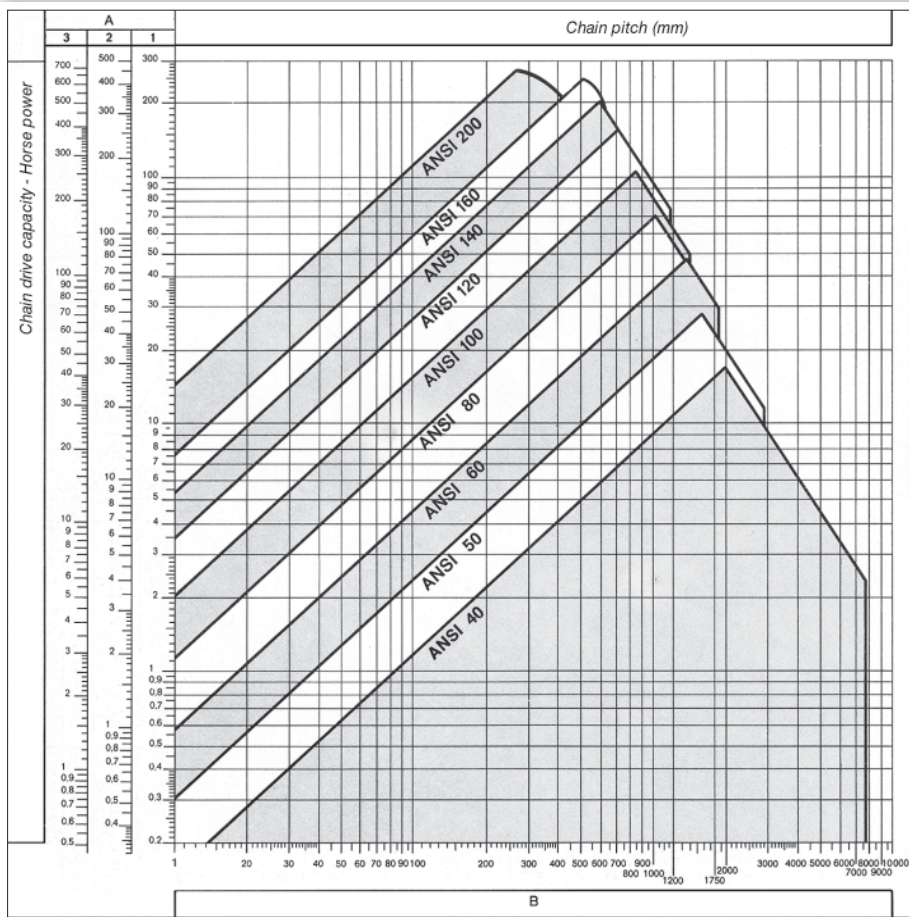
### LANȚURI DE TRANSMISIE ȘI DE TRANSPORT PENTRU INDUSTRIA ALIMENTARĂ:

\* Disponibile cu pasul de la 1/4" până la 3/4"  
\* Temperatura de lucru de la -20°C până la +80°C  
\* Nu necesită ungere  
\* Zalele interioare disponibile în culorile alb sau maro

### POWER TRANSMISSION & CONVEYOR CHAIN FOR FOOD INDUSTRY:

\* Available pitch from 1/4" up to 3/4"  
\* Operating temperature from -20°C up to +80°C \* No lubrication required  
\* Inner links available in white or brown color

# DIAGRAMA

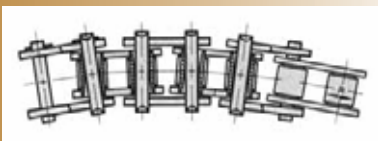


A: Număr de rânduri lanț  
B: Rotații pe minut la cel mai mic pinion

NOTĂ: Pentru cea mai bună selecție a dimensiunii lanțului, se ia în considerare factorul de protecție corespunzător aplicației.

A: Chain strands  
B: Revolutions per minute of the smaller sprocket

NOTE: For best selection of the chain pitch, take into consideration the appropriate safety factor for your application



## LANȚURI DE TRANSMISIE CURBE:

\* Disponibile cu pasul de la 3/8" până la 1"  
\* Raza de curbura de la 254 mm până la 600 mm \* Dimensiunile respectă standardul ANSI.

## POWER CURVE CHAIN:

\* Available pitch from 3/8" up to 1"  
\* Curve radius from 254 mm up to 600 mm \* Basic dimensions according to ANSI standards.



## GHIDAJE DE FRIȚIUNE PENTRU LANȚURI DE TRANSMISIE:

Ghidaje din materiale sintetice speciale.  
\* Nu necesită ungere \* Coeficient de frecare mic \* Rezistență mare la uzură și coroziune \* Rezistență mare la agenți chimici și acizi \* Măresc durata de viață a lanțurilor

## CHAIN GUIDES FOR ROLLER CHAIN:

Guides from special synthetic materials.  
\* Self-lubricating \* Low co-efficient of friction  
\* High resistant to wear and corrosion  
\* High resistant to chemicals and acid  
\* Longer chain life



## LUBRIFIANȚI:

Diferite tipuri de lubrifianti pentru protecție și creșterea performanțelor.

## CHAIN LUBRICANTS:

Various types of chain lubricants for protection and trouble free performance.