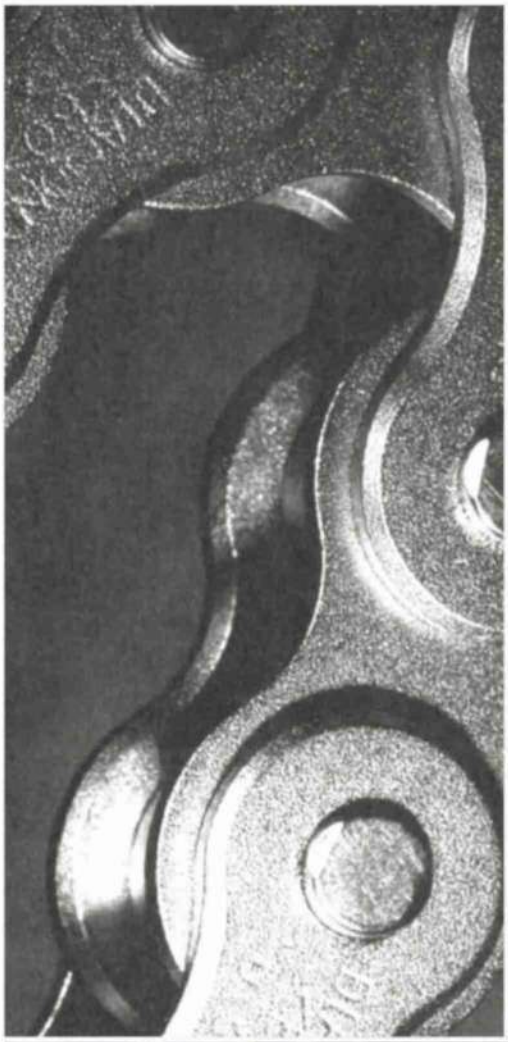
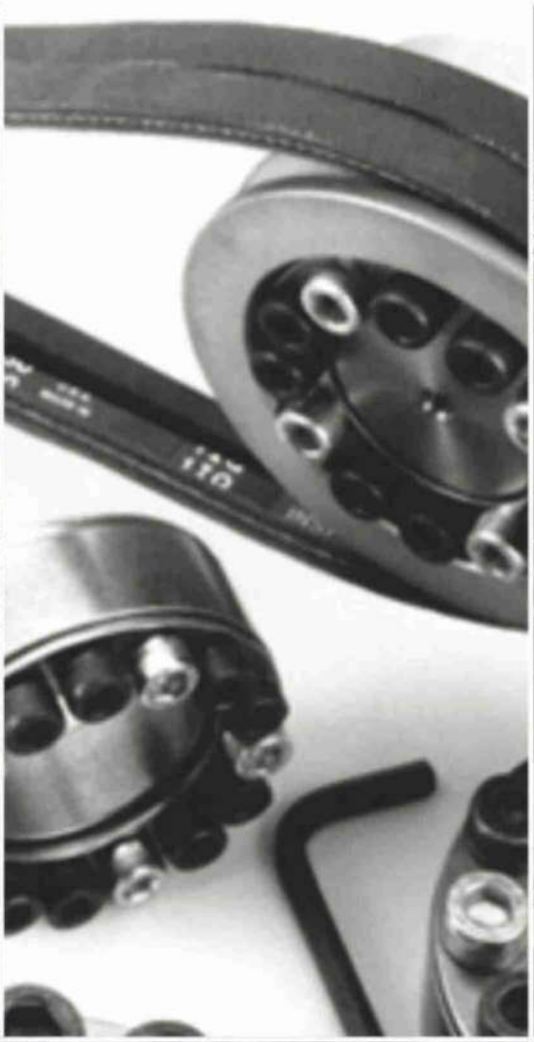
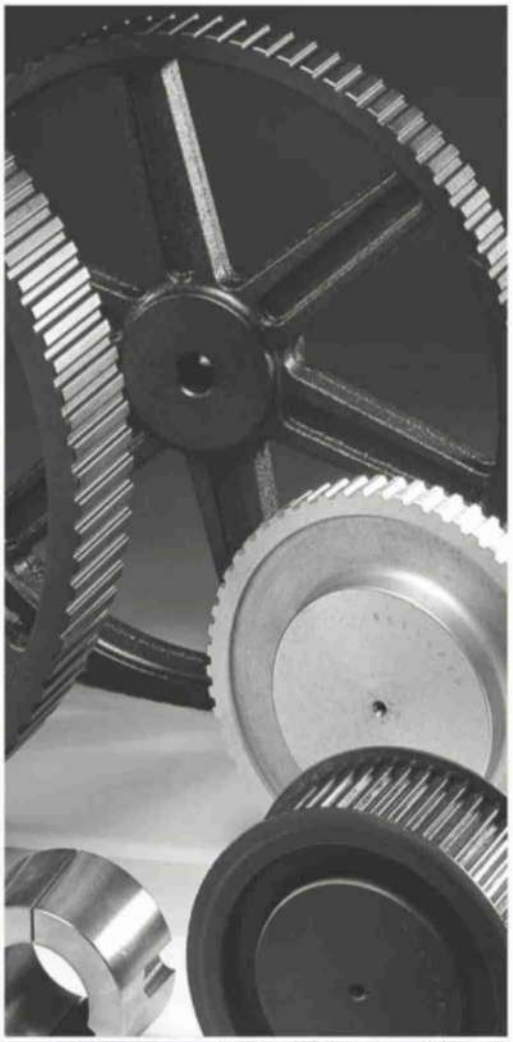






PT. PRIMA UNTUNG BERSAMA

PRODUCT RANGE

STARKZ | SIT | DIAMOND CHAIN | R+W | DRIVES

WE PARTNER WITH YOU TO PROVIDE THE RIGHT PRODUCT AND SERVICE, AND WE DELIVER THE PRODUCT & SERVICE TO YOU AT THE RIGHT TIME AND THE RIGHT PRICE. WE PRIDE OURSELVES IN DEVELOPING A LONG LASTING PARTNERSHIP WITH YOU, OUR CUSTOMERS, AND WE VALUE THIS PARTNERSHIP ABOVE ANYTHING ELSE

YOUR LOCAL DISTRIBUTOR

PUB
PRIMA UNTUNG BERSAMA

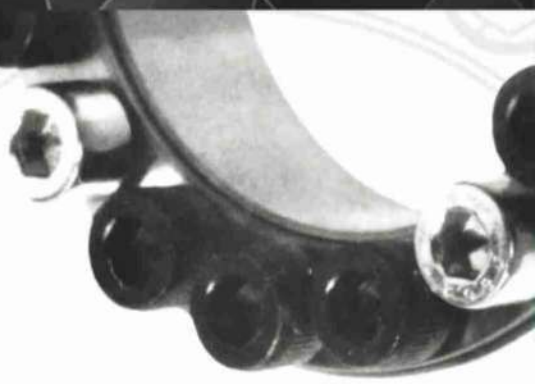
PT. PRIMA UNTUNG BERSAMA
Power Transmission Industrial Division

STARKZ PRODUCTS
PRODUCT RANGE

PRODUCT RANGE

AVAILABLE PRODUCTS

- JAW COUPLING
- HRC COUPLING
- TYRE COUPLING
- POWERLOCK
- SPROCKET

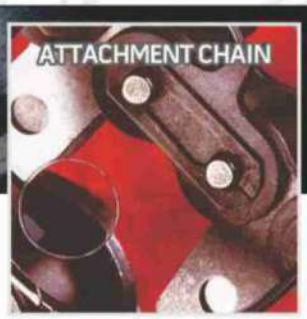


JAW Coupling absorbing incidental misalignment, shock loads and small amplitude vibrations. Jaw couplings offer a low cost flexible solution for most applications	HRC Couplings, low cost solution offering exceptionalperformance and value. Permitting quick and easy installation.	Tyre coupling is free of back-lash reducing vibrations and torsional oscillations use natural or chloroprene rubber compound make our coupling suitable for most conditions.	Self-locking unit made in hardened and tempered steel with wide variety of type and size, self-centering and not	Made from high carbon steel for longer life of sprocket and roller chain with solid and welded construction and hardened teeth. The Pitch diameter is concentric to the bore.





DIAMOND CHAIN PRODUCTS
PRODUCT RANGE



AVAILABLE PRODUCTS

- **STANDARD SERIES CHAIN**
  - * ANSI Standard (RS) Roller Chain
    (RS 40, RS 50, RS 60, RS 80, RS 100, RS 120, RS 140, up to RS240)
  - * Bristish Standard (B) Roller Chain
    (06B, 08B, 10B, 12B, 16B,20B, 24B, up to 32B)
    (ISO 606/DIN 8187/BS228)
- **HEAVY SERIES CHAIN**
- **HEAVY STRENGTH (HS) DRIVE CHAIN**
- **EXTENDED PIN CHAIN**
- **SPECIAL LUBRICATED CHAIN**
  (WAXED, DURA LUBE, LEADER O-RING)
- **PIN-OVER CHAIN**
- **CORROSION/MOISTURE RESISTANCE CHAIN**
  (DIAMOND ACE, NICKEL PLATED, STAINLESS CHAIN)
- **ATTACHMENT CHAIN**

PLEASE CONTACT US FOR DETAILS AND SIZES

Meets ALL ISO606/DIN8187/BS228 Standards

ISO 9001 CERTIFIED

CORROSION/MOISTURE RESISTANCE CHAIN

STAINLESS STEEL CHAIN

We offer four optional stainless steel chains: AP Series, 600 Series, 400 Series, 300 Series

NICKEL-PLATED CHAIN

If you want a rust resistant roller chain, capable of the same power transmitting capabilities, turn to a high-quality Diamond Nickel Plated Chain

SIT PRODUCTS
PRODUCT RANGE

PRODUCT RANGE

SIT offers wide range of pulleys (standard and special) and couplings in order to deliver the best technical and economical solution with the fastest and most flexible delivery

AVAILABLE PRODUCTS

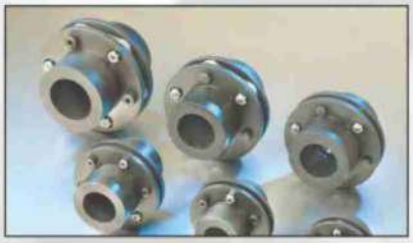
- **V-PULLEYS**
(SPA, SPB, SPC, SPZ)

- **TIMING PULLEYS**
(AT, T, L, H, XL, XH)

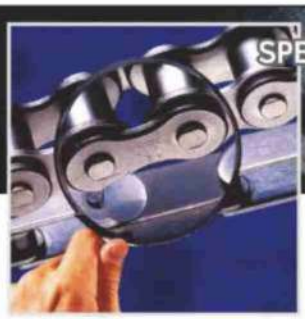
- **HTD PULLEYS**
(3M, 5M, 8M, 14M)

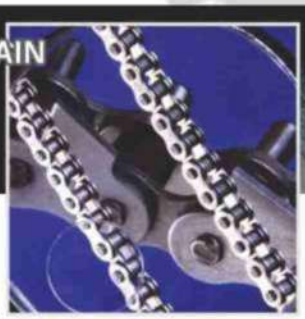
- **SITEX COUPLINGS**

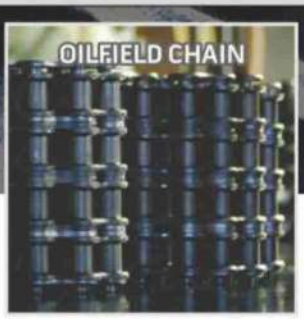
- **TRASCO COUPLINGS**



- **METALDRIVE DISC COUPLINGS**







SPECIAL LUBRICATED CHAIN: RING LEADER® O-RING CHAIN

Because the Ring Leader chains last up to **ten times longer** than regular chain, overall economy of operations is improved. With lubrication already sealed into the chain maintenance expense is lowered. RING LEADER O-Ring chain experiences less wear elongation during normal operation, thus providing a long service life. Life cycle costs of RING LEADER chain can be dramatically less than for standard chain in certain application which translates longer lasting chain and reveal cost savings

Due to nature of DURALUBE Chain's construction please refer to our catalog for speed and temperature limitations for chain selection or installation

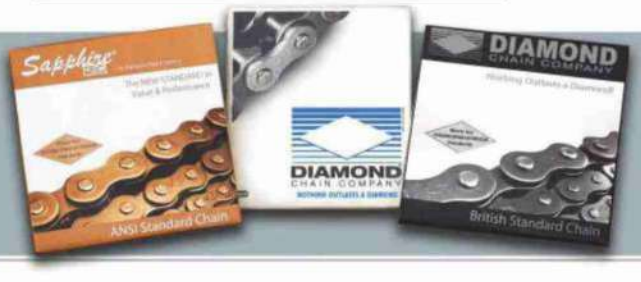
SPECIAL LUBRICATED CHAIN: DURALUBE® CHAIN

For applications where regular lubrication is a challenge, DURABALE can offer a longer lasting solution. This chain is constructed using a one-piece powdered metal busing/roller combination which has lubricants drawn under vacuum. In service, this lubricant is releases and provides supplemental lubrication to the pin/bushing joint between regularly scheduled maintenance. Generally, the wear life of DURALUBE chain can be **five times** that of standard (initially lubricated only)chain.

We are members of
PTDA, ISO 9001:2000 certified, API and **AMSTED**

DIAMOND ACE™

Rust resistance chain that offers both high strength and horsepower transmitting capacity along with superior wear life is Diamond ACE. A specially Formulated Zinc-Nickel Alloy with a Chromate Conversion Coating serves as barrier that is superior to others



TORQUE LIMITERS

BELLOWS COUPLINGS

LINE SHAFTS

ELASTOMER COUPLINGS

LINEAR COUPLINGS

R+WPRODUCT

Experience and Know-how for your special requirements.

AVAILABLE PRODUCTS

- ELASTOMER COUPLING
- MINIATURE METAL BELLOWS COUPLING SERIES MK
- SK SERIES, BKC/BKL SERIES
- BK SERIES

R+W
COUPLING TECHNOLOGY
THE ULTIMATE COUPLING

PLEASE CONTACT US FOR DETAILS AND SIZES

DRIVES®
CHAIN BY TIMKEN

solutions drive success

DRIVESPRODUCT

CONVEYOR CHAIN / ENGINEERING CLASS CHAIN

Drives offers a variety of ANSI standard chains to meet your conveying needs, from engineering class chains to open-barrel pintle chains to agricultural conveyor chains. With a wide selection of chain types and attachment styles, chances are you will find a high quality product to meet

PLEASE CONTACT US FOR DETAILS AND SIZES

PUB
PRIMA UNTUNG BERSAMA
POWER TRANSMISSION DIVISION

PT. PRIMA UNTUNG BERSAMA

Power Transmission Industrial Division

Head Office :
Kertajaya Indah Timur Blok 16 B/10 (Ruko Mega Galaxy), Surabaya - Indonesia
Telp. (031) 5945648 (Hunting), Fax. (031) 5997540

Branch Office :
Jl. Rotan 1 Blok F27 No. 33R Delta Silicon 3 Lippo Cikarang, Bekasi - Indonesia
Telp. (021) 89910070

Email : marketing@primauntungbersama.com
Web : https://www.primauntungbersama.com

- AUTHORIZED DISTRIBUTOR -

DIAMOND CHAIN COMPANY

sit

R+W COUPLING TECHNOLOGY

STARKZ

DRIVES® CHAIN BY TIMKEN

PULLEYS


Variable Speed Pulley


V Pulley


Timing Pulley

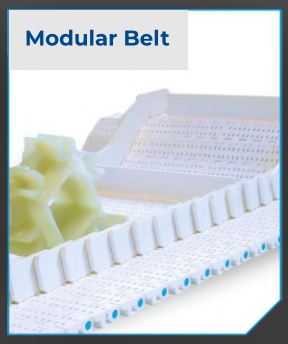

HTD Pulley


Eagle Pulley

We are offers wide range of pulleys (standard and special) in order to deliver the best technical and economical solution with the fastest and most flexible delivery

BELTS


Poly V Belt


Modular Belt


Conveyor Belt

Designed, manufactured and optimized with static and dynamic tests, in order to provide the best application solution in precision conveying systems, linear motion, lifting and power transmission applications.


Timing Belt

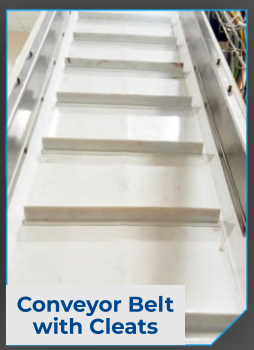

Belt Backing


Polyurethane Belt


Flat Belt


Polyurethane Belt with Cleats


Round Belt


Conveyor Belt with Cleats

ONE STOP INDUSTRIAL SOLUTION

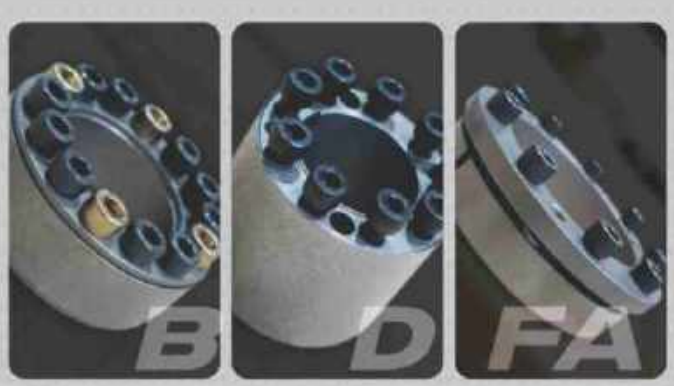
STARK2

INTRODUCING THE TOTAL PACKAGE OF
POWER TRANSMISSION PRODUCT

LOCKING DEVICES

Keyless Locking Devices for shaft-hub connection

Locking device - not self-centering
& self-centering



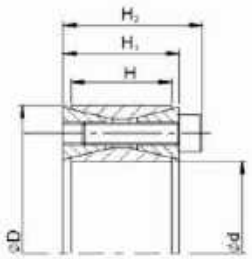
POWERLOCK

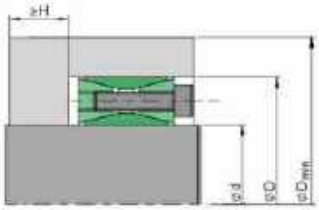
PT. PRIMA UNTUNG BERSAMA
Power Transmission Industrial Division

PT. TRIMITRA MAJU USAHA
Mechanical & Electrical for Industrial Supply
a subsidiary of PT. Prima Untung Bersama

POWERLOCK TYPE : B

Locking device - not self-centering





Dimensions [mm]				Performances		Pressure [N/mm²]		Clamping screws (DIN 912 - 12.9)			Weight
d x D	H1	H	H2	MT [Nm]	Fax [kN]	Pw	Pn	No	Type	Ms [Nm]	Kg
17 x 47	20	17	26	280	33	301	110	8	M 6	17	0.2
18 x 47	20	17	26	295	33	284	110	8	M 6	17	0.2
19 x 47	20	17	26	310	33	269	110	8	M 6	17	0.2
20 x 47	20	17	26	325	33	255	110	8	M 6	17	0.2
22 x 47	20	17	26	360	33	232	110	8	M 6	17	0.2
24 x 50	20	17	26	395	33	213	100	8	M 6	17	0.3
25 x 50	20	17	26	410	33	204	100	8	M 6	17	0.3
28 x 55	20	17	26	575	41	228	115	10	M 6	17	0.3
30 x 55	20	17	26	615	41	213	115	10	M 6	17	0.3
32 x 60	20	17	26	785	49	239	130	12	M 6	17	0.3
35 x 60	20	17	26	860	49	219	130	12	M 6	17	0.3
38 x 65	20	17	26	1.090	57	235	140	14	M 6	17	0.4
40 x 65	20	17	26	1.145	57	224	140	14	M 6	17	0.3
42 x 75	24	20	32	1.860	89	280	155	12	M 8	41	0.6
45 x 75	24	20	32	1.995	89	261	155	12	M 8	41	0.6
48 x 80	24	20	32	2.125	89	245	145	12	M 8	41	0.6
50 x 80	24	20	32	2.215	89	235	145	12	M 8	41	0.6
55 x 85	24	20	32	2.845	103	249	160	14	M 8	41	0.6
60 x 90	24	20	32	3.100	103	229	150	14	M 8	41	0.7
65 x 95	24	20	32	3.840	118	241	165	16	M 8	41	0.7
70 x 110	28	24	38	5.610	160	253	160	14	M10	83	1.3
75 x 115	28	24	38	6.010	160	236	155	14	M10	83	1.3
80 x 120	28	24	38	6.410	160	221	150	14	M10	83	1.4
85 x 125	28	24	38	7.785	183	238	160	16	M10	83	1.4
90 x 130	28	24	38	8.245	183	225	155	16	M10	83	1.5
95 x 135	28	24	38	9.790	206	240	170	18	M10	83	1.6
100 x 145	33	26	45	11.315	226	231	160	14	M12	145	2.2
110 x 155	33	26	45	12.445	226	210	150	14	M12	145	2.5
120 x 165	33	26	45	15.515	259	220	160	16	M12	145	2.6
130 x 180	38	34	50	21.010	323	194	140	20	M12	145	3.8
140 x 190	38	34	50	24.890	356	198	145	22	M12	145	3.9
150 x 200	38	34	50	29.090	388	202	150	24	M12	145	4
160 x 210	38	34	50	33.620	420	205	155	26	M12	145	4.3
170 x 225	44	38	58	40.425	476	195	150	22	M14	230	5.8
180 x 235	44	38	58	46.695	519	201	155	24	M14	230	6
190 x 250	52	46	66	57.505	605	184	140	28	M14	230	8.5
200 x 260	52	46	66	64.855	649	187	145	30	M14	230	8.6
220 x 285	56	50	72	84.600	769	185	145	26	M16	355	11
240 x 305	56	50	72	106.490	887	196	155	30	M16	355	12
260 x 325	56	50	72	130.745	1.006	205	165	34	M16	355	13
280 x 355	66	60	84	157.365	1.124	177	140	32	M18	485	19
300 x 375	66	60	84	189.685	1.265	186	150	36	M18	485	20
320 x 405	78	72	98	259.690	1.623	187	150	36	M20	690	30
340 x 425	78	72	98	275.920	1.623	176	140	36	M20	690	30
360 x 455	90	84	112	360.740	2.004	176	140	36	M22	930	42
380 x 475	90	84	112	380.780	2.004	167	135	36	M22	930	44
400 x 495	90	84	112	400.820	2.004	158	130	36	M22	930	46

Ms	Screw tightening torque	Nm
MT	Transmissible torque	Nm
Fax	Transmissible axial load	N
pw	Shaft pressure	N/mm²
pn	Hub pressure	N/mm²

STARKZ
Ordering code **CL 028 X 55 B**

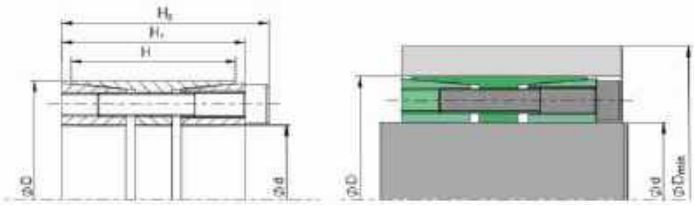
- Code
- Shaft diameter (mm)
- Hub bore (mm)
- Type

Features

- Not self-centering
- Easy removal
- Available for shaft diameters of 17 to 600 mm
- Long assembly times due to high number of clamping screws
- Possible use on shaft-hubs with large tolerance (h11/H11)
- The table shows performance data for the following tolerances :
  shaft d h7 - coupling seat on hub H7
  shaft d h11 - coupling seat on hub H11

Note :
For assemblies requiring larger dimensions, contact our Technical Department

Do not use molybdenum disulphide-based oils or greases that reduce the coefficient of friction μ. The values in the table are calculated with μ 0.12



Dimensions [mm]				Performances		Pressure [N/mm²]		Clamping screws (DIN 912 - 12.9)			Weight
d x D	H	H1	H2	MT [Nm]	Fax [kN]	Pw	Pn	No	Type	MS [Nm]	Kg
25 x 50	41	45	51	849	68	176	85	6	M 6	17	1.3
28 x 55	41	45	51	1.268	90	209	105	8	M 6	17	1.3
30 x 55	41	45	51	1.358	90	195	105	8	M 6	17	1.3
35 x 60	41	45	51	1.585	90	167	95	8	M 6	17	1.3
38 x 65	41	45	51	1.721	90	154	90	8	M 6	17	1.3
40 x 65	41	45	51	2.264	113	183	110	8	M 6	17	1.3
42 x 75	41	45	53	3.514	167	258	140	8	M 8	41	1.3
45 x 75	41	45	53	3.888	167	130	150	8	M 8	41	1.3
48 x 80	58	62	70	4.016	167	159	95	8	M 8	41	1.5
50 x 80	58	62	70	4.183	167	153	95	8	M 8	41	1.4
55 x 85	58	62	70	4.602	167	139	90	8	M 8	41	1.5
60 x 90	58	62	70	6.275	209	159	105	10	M 8	41	1.5
65 x 95	58	62	70	6.798	209	147	100	10	M 8	41	1.6
70 x 110	70	76	86	11.624	332	180	110	10	M10	83	3
75 x 115	70	76	86	12.455	332	168	105	10	M10	83	3.1
80 x 120	70	76	86	15.942	399	189	125	12	M10	83	3.5
85 x 125	70	76	86	16.938	399	178	120	12	M10	83	3.5
90 x 130	70	76	86	17.935	399	168	115	12	M10	83	3.8
95 x 135	70	76	86	18.931	399	159	110	12	M10	83	4
100 x 145	92	98	110	29.014	580	167	115	12	M12	145	6
110 x 155	92	98	110	34.575	629	165	115	12	M12	145	6.2
120 x 165	92	98	110	40.620	677	163	115	14	M12	145	6.8
130 x 180	108	114	128	51.753	796	150	105	12	M14	230	9.8
140 x 190	108	114	128	65.023	929	163	115	14	M14	230	10.2
150 x 200	108	114	128	79.620	1.062	174	125	16	M14	230	10.9
160 x 210	108	146	162	84.928	1.062	163	120	16	M14	230	11.5
170 x 225	136	146	162	109.736	1.291	148	110	14	M16	355	17.2
180 x 235	136	146	162	132.790	1.475	160	120	16	M16	355	18
190 x 250	136	146	162	140.167	1.475	151	115	16	M16	355	21.5
200 x 260	136	146	162	147.544	1.475	144	110	16	M16	355	22
220 x 285	136	146	162	202.873	1.844	164	125	20	M16	355	25
240 x 305	136	146	162	243.448	2.028	165	125	22	M16	355	27
260 x 325	136	146	162	263.735	2.028	152	120	22	M16	355	30
280 x 355	138	148	168	403.047	2.878	198	125	20	M20	690	46
300 x 375	165	177	197	475.020	3.166	170	135	22	M20	690	50
320x 405	165	177	197	506.688	3.166	159	125	22	M20	690	60
340 x 425	165	177	197	587.297	3.454	163	130	24	M20	690	65
360 x 455	188	202	224	709.561	3.492	154	120	22	M22	930	89
380 x 475	188	202	224	885.159	4.658	173	135	26	M22	930	93
400 x 495	188	202	224	931.746	4.658	164	130	26	M22	930	98

MS	Screw tightening torque	Nm
MT	Transmissible torque	Nm
Fax	Transmissible axial load	N
pw	Shaft pressure	N/mm²
pn	Hub pressure	N/mm²

STARKZ
Ordering code **CL 035 X 60 D**

Code
Shaft diameter (mm)
Hub bore (mm)
Type

Features

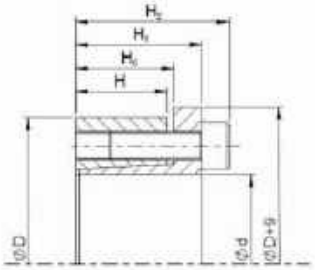
- Self-centering
- Even pressure distribution
- Available for shaft diameters of 25 to 400 mm
- No axial displacement when tightening the screws
- Removal via extraction threads
- The table shows performance data for the following tolerances : shaft d h8 - coupling seat on hub H8

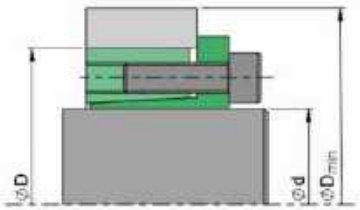
Note :
For assemblies requiring larger dimensions, contact our Technical Department

Do not use molybdenum disulphide-based oils or greases that reduce the coefficient of friction μ. The values in the table are calculated with μ 0.12

POWERLOCK TYPE : FA

Locking device - self-centering





Dimensions [mm]					Performances		Pressure [N/mm²]		Clamping screws (DIN 912 - 12.9)			Weight
d x D	H	H0	H1	H2	MT [Nm]	Fax [kN]	Pw	Pn	No	Type	Ms [Nm]	Kg
18 x 47	17	22	28	34	252	28	243	95	5	M 6	17	1.3
19 x 47	17	22	28	34	266	28	230	95	5	M 6	17	1.3
20 x 47	17	22	28	34	280	28	219	95	5	M 6	17	1.3
22 x 47	17	22	28	34	308	28	199	95	5	M 6	17	1.3
24 x 50	17	22	28	34	336	28	182	90	5	M 6	17	1.3
25 x 50	17	22	28	34	421	34	210	105	6	M 6	17	1.3
28 x 55	17	22	28	34	471	34	188	95	6	M 6	17	1.3
30 x 55	17	22	28	34	505	34	175	95	6	M 6	17	1.3
32 x 60	17	22	28	34	718	45	219	115	8	M 6	17	1.3
35 x 60	17	22	28	34	785	45	200	115	8	M 6	17	1.3
38 x 65	17	22	28	34	852	45	184	110	8	M 6	17	1.3
40 x 65	17	22	28	34	897	45	175	110	8	M 6	17	1.3
42 x 75	20	25	33	41	1.523	73	229	130	7	M 8	41	1.3
45 x 75	20	25	33	41	1.632	73	214	130	7	M 8	41	1.3
48 x 80	20	25	33	41	1.741	73	200	120	7	M 8	41	1.5
50 x 80	20	25	33	41	1.813	73	192	120	7	M 8	41	1.4
55 x 85	20	25	33	41	2.280	83	200	130	8	M 8	41	1.5
60 x 90	20	25	33	41	2.487	83	183	120	8	M 8	41	1.5
65 x 95	20	25	33	41	3.031	93	190	130	9	M 8	41	1.6
70 x 110	24	30	40	50	4.607	132	208	130	8	M10	83	3
75 x 115	24	30	40	50	4.936	132	194	125	8	M10	83	3.1
80 x 120	24	30	40	50	5.265	132	182	120	8	M10	83	3.5
85 x 125	24	30	40	50	6.293	148	193	130	9	M10	83	3.5
90 x 130	24	30	40	50	6.664	148	182	125	9	M10	83	3.8
95 X 135	24	30	40	50	7.815	165	191	135	10	M10	83	4
100 x 145	26	32	44	56	9.582	192	196	135	8	M12	145	6
110 x 155	26	32	44	56	10.541	192	178	125	8	M12	145	6.2
120 x 165	26	32	44	56	12.936	216	183	135	9	M12	145	6.8
130 x 180	34	40	54	64	18.686	287	173	125	12	M12	145	9.8
140 x 190	34	40	54	68	20.708	296	165	120	9	M14	230	10.2
150 x 200	34	40	54	68	24.652	329	171	130	10	M14	230	10.9
160 X 210	34	40	54	68	28.925	362	176	135	11	M14	230	11.5
170 x 225	44	50	64	78	33.527	394	140	105	12	M14	230	17.2
180 x 235	44	50	64	78	35.499	394	132	100	12	M14	230	18
190 x 250	44	50	64	78	46.839	493	156	120	15	M14	230	21.5
200 x 260	44	50	64	78	49.305	493	149	115	15	M14	230	22

Ms	Screw tightening torque	Nm
MT	Transmissible torque	Nm
Fax	Transmissible axial load	N
pw	Shaft pressure	N/mm²
pn	Hub pressure	N/mm²

STARKZ
Ordering code **CL 160 X 210 FA**

- Code
- Shaft diameter (mm)
- Hub bore (mm)
- Type

Features

- Self-centering
- Quick installation and removal
- Available for shaft diameters of 18 to 200 mm
- No axial displacement when tightening the screws
- Excellent concentricity and perpendicularity
- The table shows performance data for the following tolerances : shaft d h8 - coupling seat on hub H8

Note :
For assemblies requiring larger dimensions, contact our Technical Department

Do not use molybdenum disulphide-based oils or greases that reduce the coefficient of friction μ. The values in the table are calculated with μ 0.12

For any further information, contact our sales representative
www.primauntungbersama.com

POLYURETHANE BELTS

PT. PRIMA UNTUNG BERSAMA

OPEN END M & V

- Elatech have been designed to comply with every need of design engineer in linear motion, & conveying applications where precise synchronisation is needed.
  Special polyamide fabric on the tooth reduces the coefficient of friction.

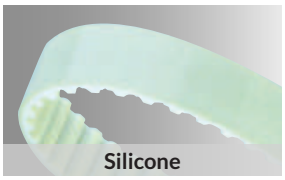
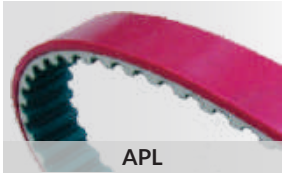
ELA-Flex SD

- ELA-flexSD belts are manufactured with truly endless high tension, strength steel tension cords, and high wear, abrasion and tear resistant polyurethane. Having no splice or welding, the belts have no weak cross sections.

iSync

- iSync belts are made with special polyurethane compound and high resistance steel tension cords which are processed with a unique & sophisticated technology to obtain a superior polyurethane belt

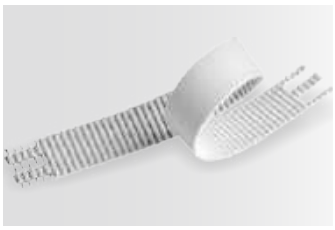
BACKINGS

FABRIC	CELLULAR	PVC & PU	RUBBER	SPECIAL
 PAZ Standard	 Porol	 Supergrip 60 GL	 Linatex	 Silicone
 PAR Standard	 Sylomer Green	 Supergrip 50 R	 Linatrile	 APL

- **PAZ** Polyamide Fabric on teeth side. Reduce the coefficient of friction and improve the tooth engagement, Reduce the noise
- **PAR** Polyamide Fabric on back side. Reduce the coefficient of friction and the noise.

EMF - Mechanical Fastening System

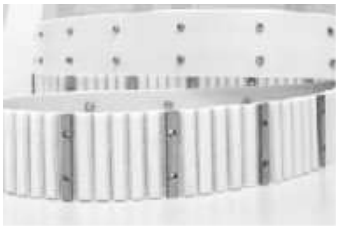


FEATURES

- **EMF** has no exposed metal parts, therefore no metal contact is made with pulleys.
- **EMF** maintains the same minimum pulley required as the belt and can operate with back bend idlers.
- **EMF** is available on all pitches, making it for all of your customer's conveying applications.

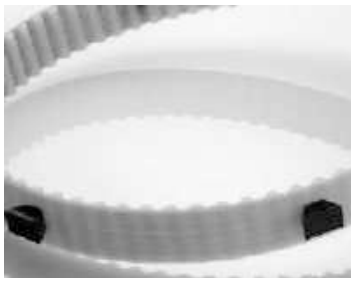
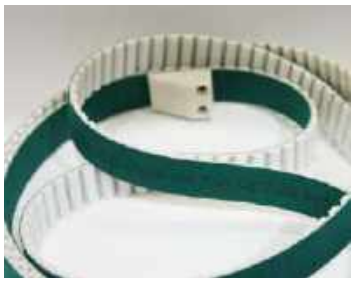
EFT - False Tooth System

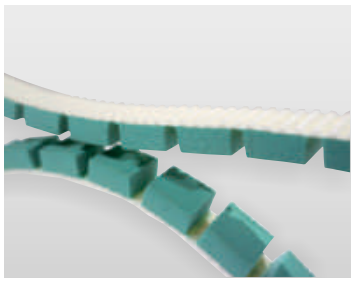



FEATURES

- **EFT** allows to apply cleats that cannot be weld into polyurethane timing belts.
- **EFT** is in stock in stainless suitable for food and humid environments & pharmaceutical industry.
- **EFT** is available in any of the following pitches: AT10, AT20, H, XH with or without self-tracking guide.

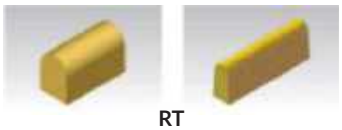
CLEATS

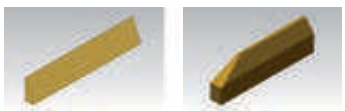




- **A very wide range of Cleats is available for all applications**


ST

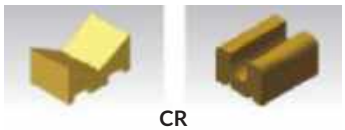

RT

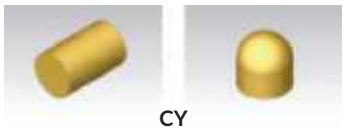

TR


TT


AN


GB


CR


CY


SP

RUBBER BELTS

HTD

CHD

Top Drive HTD

3M - 5M - 8M - 14M

Belt Material :
- Tensile members : fiberglass
- Compound : chloroprene rubber (CR)
- Belt facing : polyamide (nylon)

HTD

CMT

Mustang Torque HTD

8M - 14M

Belt Material :
- Tensile members : aramid fiber (Kevlar)
- Compound : chloroprene rubber (CR)
- Belt facing : polyamide (nylon)

HTD

CMS

Mustang Speed HTD

3M - 5M - 8M - 14M

Belt Material :
- Tensile members : fiberglass
- Compound : chloroprene rubber (CR)
- Belt facing : polyamide (nylon)

STD

STD

Top Drive STD

S3M - S5M - S8M - S14M

Belt Material :
- Tensile members : fiberglass
- Compound : chloroprene rubber (CR)
- Belt facing : polyamide (nylon)

STD

CMST

Mustang Speed Super Torque

S3M - S5M - S8M - S14M

Belt Material :
- Tensile members : aramid fiber (Kevlar)
- Compound : chloroprene rubber (CR)
- Belt facing : polyamide (nylon)

RPD

HPPD

Hi-Performance PD Plus

8M - 14M

Belt Material :
- Tensile members : fiberglass
- Compound : chloroprene rubber (CR)
- Belt facing : polyamide with increased thickness (nylon)

RPD

CBH

Blackhawk Pd

8M - 14M

Belt Material :
- Tensile members : fiberglass
- Compound : HNBR
- Belt facing : JPEX

RPD

CG

Falcon Pd (Polychain GT)

8M - 14M

Belt Material :
- Tensile members : aramid fiber (Kevlar)
- Compound : nitrile rubber
- Belt facing : double layer nylon and high density polyethylene fabric

CD

CD

Classica Imperial Pitch

MXL - XL - L - H - XH

Belt Material :
- Tensile members : fiberglass
- Compound : chloroprene rubber (CR)
- Belt facing : polyamide (nylon)

H.O.T

CE

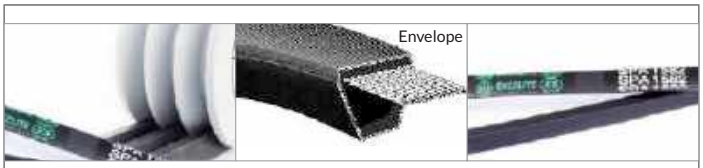
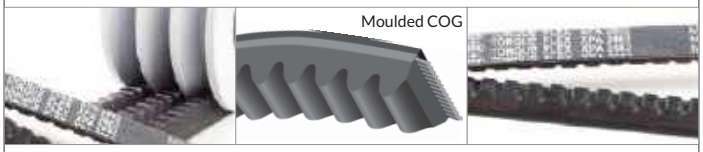
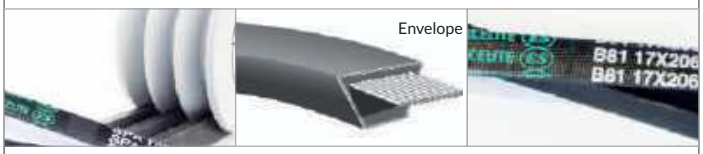
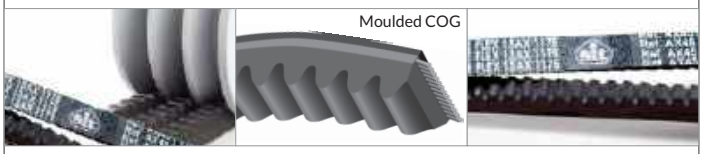
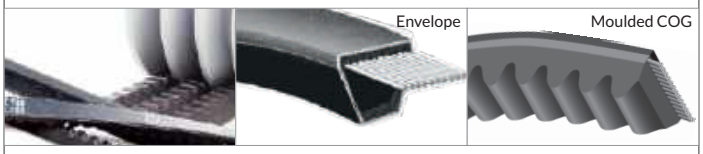
SilentSync

8M - 14M

(Helical Offset Tooth)

Belt Material :
- Tensile members : fiberglass
- Compound : HNBR
- Belt facing : JPEX

V-BELTS

Excelite ES Narrow (CLSP) **Belt Material :** - Tensile members : Polyester - Compound rubber : Fiber loaded rubber - Wrapping-cover : Heavy-duty industrial fabric	SPZ - SPA - SPB - SPC	
Torque-flex Narrow XP (CSX) **Belt Material :** - Tensile members : Vytacord - Compound : Wingprene	XPZ - XPA - XPB - XPC	
Excelite ES (CL) **Belt Material :** - Tensile members : Polyester - Compound rubber : Fiber loaded rubber - Wrapping-cover : Fabric	Z - A - B - C - D	
Torque-flex Classical (CTX) **Belt Material :** - Tensile members : Vytacord - Compound : Wingprene	ZX- AX - BX - CX	
Wedge Narrow (CW) **Belt Material :** - Tensile members : Vytacord - Compound : Wingprene	Envelope (3V - 5V - 8V) Moulded COG (3VX - 5VX - 8VX)	
Perforated Open-End V-Belts - with metal junctions (sold separatelly) Part Number : **CM A** — Perforated V-Belt Section Part Number : **CGM A** — Metal Junctions Section		
Vario Variable Belt (CV) **Belt Material :** - Tensile members : Flexten - Compound : Chloroprene	Section a x b [mm]: 13x6* | 22x8* | 28x8 28x10* | 36x10 36x12* | 46x12 46x13* 46x14 | 50x14 54x16* | 70x20	
Poly-V Belt **Belt Material :** - Tensile members : Polyester - Compound : Chloroprene rubber	H - J - K - L - M	
Banded V-Belt **Belt Material :** - Tensile members : High resistance polyester - Compound : Hyprene	Envelope (SPA – SPB – SPC3V – 5V – 8VBX – CX) Moulded COG : (XPZ – XPA – XPB – XPC)	

PUB PRIMA UNTUNG BERSAMA
POWER TRANSMISSION DIVISION
PT. PRIMA UNTUNG BERSAMA
Power Transmission Industrial Division
www.primauntungbersama.com

We pride ourselves to develop long lasting relationship with our partners and our beliefs is to deliver the best quality products and services to our customers in the right time and at the right price leads us to our motto : "We are not just selling parts, We are more to partners."

For any further information, contact our sales representative

STARKZ

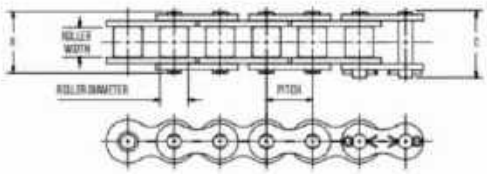
CHAIN CATALOGUE

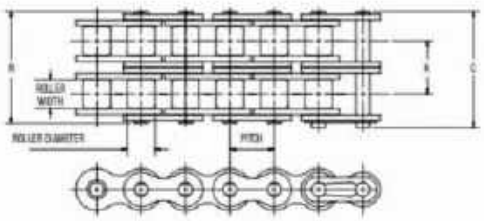
WE PARTNER WITH YOU TO PROVIDE THE RIGHT PRODUCT AND SERVICE, AND WE DELIVER THE PRODUCT & SERVICE TO YOU AT THE RIGHT TIME AND THE RIGHT PLACE. WE PRIDE OURSELVES IN DEVELOPING A LONG LASTING PARTNERSHIP WITH YOU, OUR CUSTOMERS, AND WE VALUE THIS PARTNERSHIP ABOVE ANYTHING ELSE.

PT. PRIMA UNTUNG BERSAMA
Power Transmission Industrial Division

PT. TRIMITRA MAJU USAHA
Mechanical & Electrical for Industrial Supply
a subsidiary of PT. Prima Untung Bersama

ANSI SERIES CHAIN





SINGLE AND MULTI STRAND

ANSI Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	K	Pounds per Foot	Minimum Tensile Strength
25	1/4	1/8	*0.130	0.090	0.030	0.37	0.34	....	0.084	780
35	3/8	3/16	*0.200	0.141	0.050	0.56	0.50	....	0.210	1760
35-2	3/8	3/16	*0.200	0.141	0.050	0.96	0.90	0.399	0.450	3520
40	1/2	5/16	*0.312	0.156	0.060	0.72	0.67	....	0.410	3125
40-2	1/2	5/16	*0.312	0.156	0.060	1.29	1.24	0.566	0.800	6250
40-3	1/2	5/16	*0.312	0.156	0.060	1.85	1.80	0.566	1.200	9375
41	1/2	3/4	*0.306	0.141	0.050	0.65	0.57	....	0.260	1500
50	5/8	3/8	*0.400	0.200	0.080	0.89	0.83	....	0.680	4880
50-2	5/8	3/8	*0.400	0.200	0.080	1.60	1.55	0.713	1.320	9760
50-3	5/8	3/8	*0.400	0.200	0.080	2.31	2.26	0.713	1.980	14640
60	3/4	1/2	*0.469	0.234	0.094	1.11	1.04	....	0.990	7030
60-2	3/4	1/2	*0.469	0.234	0.094	2.01	1.94	0.897	1.950	14060
60-3	3/4	1/2	*0.469	0.234	0.094	2.91	2.84	0.897	2.880	21090
80	1	5/8	*0.625	0.312	0.125	1.44	1.32	....	1.730	12500
80-2	1	5/8	*0.625	0.312	0.125	2.59	2.47	1.153	3.370	25000
100	1 1/4	5/8	*0.750	0.375	0.156	1.73	1.61	....	2.510	19530
100-2	1 1/4	3/4	*0.750	0.375	0.156	3.14	3.02	1.408	4.910	39060
120	1 1/2	3/4	*0.875	0.437	0.187	2.14	2.00	....	3.690	28125
120-2	1 1/2	3/4	*0.875	0.437	0.187	3.93	3.79	1.789	7.350	56250
140	1 3/4	1	1.000	0.500	0.219	2.31	2.14	....	5.000	38280
140-2	1 3/4	1	1.000	0.500	0.219	4.24	4.07	1.924	9.650	76560
160	2	1 1/4	1.125	0.562	0.250	2.73	2.54	....	6.530	50000
160-2	2	1 1/4	1.125	0.562	0.250	5.04	4.85	2.305	12.830	100000
180	21/4	1 13/32	1.406	0.687	0.281	3.15	2.88	....	9.060	63280
180-2	21/4	1 13/32	1.406	0.687	0.281	5.87	5.51	2.592	17.510	126677
200	21/2	1 1/2	1.562	0.781	0.312	3.44	3.12	....	10.650	78125
200-2	21/2	1 1/2	1.562	0.781	0.312	6.26	5.94	2.817	21.500	156250
240	3	17/8	1.875	0.937	0.375	4.06	3.72	....	16.400	112500

STAINLESS STEEL

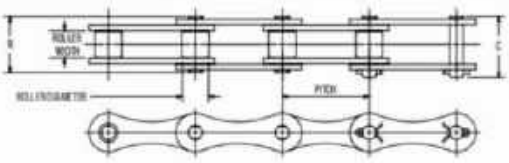
Because its naturally corrosive resistant, it is the recommended material for application involving exposure to corrosive chemicals, such as Acid. Stainless steel is a softer material compared to carbon steel, resulting in reduced performance to wear, fatigue and tensile.

Part Number	ANSI Size	Pitch	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	K	H	Average Weight	Minimum Tensile Strength
		in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	lbs/ft kg/m	lbf kN
25SS	25	0.250 6.35	0.250 6.35	*0.130 3.30	0.090 2.29	0.030 0.76	0.370 9.40	0.340 8.64	- -	0.228 5.80	0.084 0.13	540 2.40
30SS	35	0.375 9.53	0.250 6.35	*0.200 5.08	0.141 3.58	0.050 1.27	0.560 14.22	0.500 12.70	- -	0.346 8.80	0.225 0.33	1.256 5.59
40SS	40	0.500 12.70	0.313 7.94	0.312 7.92	0.156 3.96	0.060 1.52	0.720 18.29	0.670 17.02	- -	0.472 12.00	0.420 0.63	2.203 9.80
40-2SS	40-2	0.500 12.70	0.313 7.94	0.342 8.69	0.156 3.96	0.060 1.52	1.290 32.77	1.240 31.50	0.566 14.38	0.472 12.00	0.826 1.23	4.400 19.57
50SS	50	0.625 15.88	0.375 9.53	0.400 10.16	0.200 5.08	0.080 2.03	0.890 22.61	0.830 21.08	- -	0.591 15.00	0.680 1.01	3.525 15.68
50-2SS	50-2	0.625 15.88	0.375 9.53	0.400 10.16	0.200 5.08	0.080 2.03	1.600 40.64	1.550 39.37	0.713 18.11	0.591 15.00	1.400 2.08	7.050 31.36
60SS	60	0.750 19.05	0.500 12.70	0.469 11.91	0.234 5.94	0.094 2.39	1.110 28.19	1.040 26.42	- -	0.709 18.00	0.990 1.47	5.070 22.55
60-2SS	60-2	0.750 19.05	0.500 12.70	0.469 11.91	0.234 5.94	0.094 2.39	2.010 51.05	1.940 49.28	0.897 22.78	0.709 18.00	1.936 2.88	10.100 44.93
80SS	80	1.000 25.40	0.625 15.88	0.625 15.88	0.312 7.92	0.125 3.18	1.440 36.58	1.320 33.53	- -	0.949 24.10	1.725 2.57	9.035 40.19

* Chain is rollerless. Dimension shown is bushing diameter.

DOUBLE-PITCH ROLLER CHAIN

POWER TRANSMISSION ROLLER CHAIN

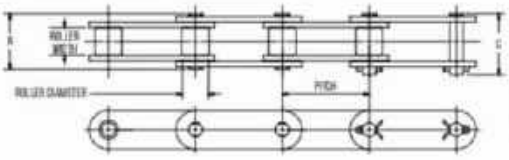


ANSI Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	Weight per Foot	Minimum Tensile Strength
2040	1	5/16	0.312	0.156	0.060	0.76	0.68	0.28	3125
2050	1 1/4	3/8	0.400	0.200	0.080	0.92	0.84	0.52	4880
2060	1 1/2	1/2	0.469	0.234	0.094	1.11	1.05	0.72	7030

Dimensions in inches

CONVEYOR ROLLER CHAIN

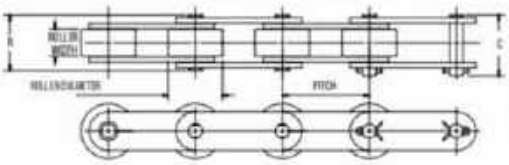
STANDARD DIAMETER ROLLER



ANSI Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	Weight per Foot	Minimum Tensile Strength
C2040	1	5/16	0.312	0.156	0.060	0.76	0.68	0.34	3125
C2050	1 1/4	3/8	0.400	0.200	0.080	0.92	0.84	0.58	4880
C2060H	1 1/2	1/2	0.469	0.234	0.094	1.11	1.18	1.05	7030
C2060H	2	5/8	0.625	0.312	0.156	1.57	1.45	1.40	12500

Dimensions in inches

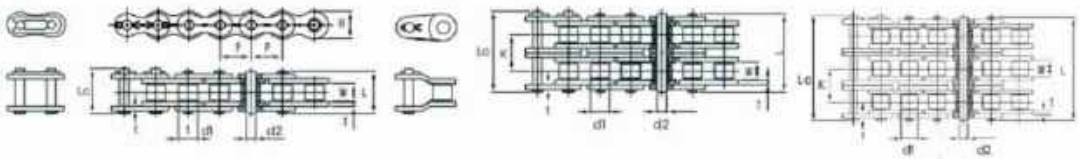
OVERSIZED DIAMETER ROLLER



ANSI Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	Weight per Foot	Minimum Tensile Strength
C2042	1	5/16	0.625	0.156	0.060	0.76	0.68	0.50	3125
C2052	1 1/4	3/8	0.750	0.200	0.080	0.92	0.84	0.81	4880
C2062H	1 1/2	1/2	0.875	0.234	0.125	1.25	1.18	1.42	7030

Dimensions in inches

ISO / BRITISH STANDARD SERIES CHAIN

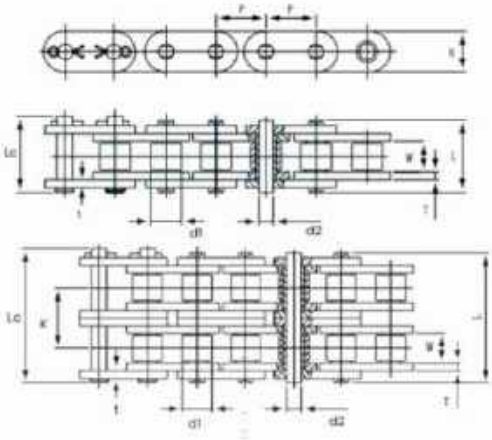


SINGLE AND MULTI STRAND

ISO / British Standard Number	Pitch P	Roller Width W min	Roller Diameter d1 max	Pin Outer Diameter d2 max	Link Plate Thickness T/t	Pin Length L max	Pin Length Lc max	K	Link Plate Height H max	Pounds per Foot	Average Tensile Strength
05B-1	1/3	0.118	0.197	0.091	0.033	0.033	0.46	0.339	....	0.15	1100
06B-1	3/8	0.225	0.250	0.129	0.050	0.039	0.661	0.531	....	0.30	2000
06B-2	3/8	0.225	0.250	0.129	0.050	0.039	1.067	0.937	0.403	0.540	3800
08B-1	1/2	0.305	0.335	0.175	0.060	0.060	0.823	0.669	....	0.500	4000
08B-2	1/2	0.305	0.335	0.175	0.060	0.060	1.374	1.220	0.548	0.940	7000
08B-3	1/2	0.305	0.335	0.175	0.060	0.060	1.819	1.752	0.548	1.340	11000
10B-1	5/8	0.380	0.400	0.200	0.060	0.060	0.933	0.772	....	0.640	5000
10B-2	5/8	0.380	0.400	0.200	0.060	0.060	1.587	1.425	0.653	1.260	10000
10B-3	5/8	0.380	0.400	0.200	0.060	0.060	2.126	2.052	0.653	1.880	15000
12B-1	3/4	0.460	0.475	0.225	0.071	0.071	1.075	0.894	....	0.800	6500
12B-2	3/4	0.460	0.475	0.225	0.071	0.071	1.843	1.661	0.766	1.570	13000
12B-3	3/4	0.460	0.475	0.225	0.071	0.071	2.488	2.410	0.766	2.550	19500
16B-1	1	0.670	0.625	0.326	0.157	0.126	1.531	1.319	....	1.830	13500
16B-2	1	0.670	0.625	0.326	0.157	0.126	2.890	2.677	1.260	3.610	24000
16B-3	1	0.670	0.625	0.326	0.157	0.126	4.004	3.926	1.260	5.360	36000
20B-1	1 1/4	0.770	0.750	0.401	0.185	0.185	1.941	1.701	....	2.610	21000
20B-2	1 1/4	0.770	0.750	0.401	0.185	0.185	3.378	3.138	1.435	5.150	38000
20B-3	1 1/4	0.770	0.750	0.401	0.185	0.185	4.575	4.452	1.435	7.700	56000
24B-1	1 1/2	1.000	1.000	0.576	0.248	0.248	2.362	2.102	....	4.750	36000
24B-2	1 1/2	1.000	1.000	0.576	0.248	0.248	4.268	4.008	1.904	9.390	63000
24B-3	1 1/2	1.000	1.000	0.576	0.248	0.248	6.098	5.912	1.904	14.620	95500
28B-1	1 3/4	1.100	1.100	0.626	0.307	0.307	2.850	2.560	....	6.350	45000
28B-2	1 3/4	1.100	1.100	0.626	0.307	0.307	5.173	4.882	2.344	12.630	81000
28B-3	1 3/4	1.100	1.100	0.626	0.307	0.307	7.443	7.246	2.344	18.950	119000
32B-1	2	1.220	1.150	0.701	0.287	0.287	2.960	2.650	....	6.890	56000
32B-2	2	1.220	1.150	0.701	0.287	0.287	5.272	4.960	2.305	13.510	101000
32B-3	2	1.220	1.150	0.701	0.287	0.287	7.358	7.138	2.305	20.100	151000
40B-1	2 1/2	1.500	1.900	0.901	0.346	0.346	3.646	3.252	....	10.990	80000
40B-2	2 1/2	1.500	1.900	0.901	0.346	0.346	6.457	6.063	2.846	21.500	142000
40B-3	2 1/2	1.500	1.900	0.901	0.346	0.346	9.014	8.786	2.846	32.090	2135000

OVAL CONTOUR SERIES CHAIN

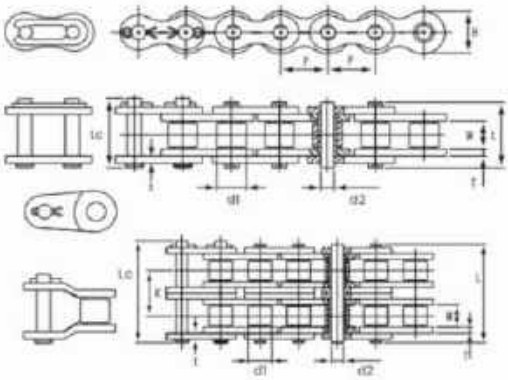
Starkz high strength oval contour roller chains feature a full oval contour pin and roller link plates for maximum plate rigidity in high load fatigue applications.



Part Number	Pitch P mm	Roller		Pin Outer Diameter d2 max mm	Pin Length		K mm	Link Plate Height H max mm	Link Plate Thickness T/t mm	Average Tensile Strength N
		W min mm	d1 max mm		L max mm	Lc max mm				
OC08B	12.70	7.75	8.51	4.45	17.00	20.70	....	11.80	1.50	19123
OC08B-2	12.70	7.75	8.51	4.45	31.00	34.90	13.92	11.80	1.50	37756
OC10B	15.88	9.65	10.16	5.08	19.60	23.70	....	14.70	1.70	27459
OC10B-2	15.88	9.65	10.16	5.08	36.20	40.30	16.59	14.70	1.70	54817
OC12B	19.05	11.68	12.07	5.72	22.70	27.30	....	16.10	1.80	31872
OC12B-2	19.05	11.68	12.07	5.72	42.20	46.80	19.46	16.10	1.80	63743
OC16B	25.40	17.02	15.88	8.28	36.10	41.50	....	21.00	4.00	73550
OC16B-2	25.40	17.02	15.88	8.28	68.00	73.40	31.88	21.00	4.00	147100

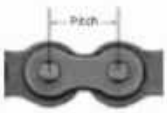
BRITISH STANDARD CHAINS, STAINLESS STEEL

British Standard stainless steel chain is manufactured to the International Standards Organization



ISO Part Number	Pitch	Roller Width (W)	Roller Diameter (d1)	Pin Diameter (d2)	Pin Link Plate Thickness (T)	Chain Width Cottered (Lc)	Chain Width Riveted (L)	Max. Link Plate Height (H)	Avg. Weight	Min. Tensile Strength
	mm in	mm in	mm in	mm mm	mm in	mm in	mm in	mm in	kg/m lbs/ft	lbf kN
06BSS	9.53 0.375	5.72 0.225	6.35 0.25	3.28 0.129	1.10 0.043	16.80 0.661	13.50 0.531	8.20 0.323	0.45 0.3	6.28 1.411
08BSS	12.70 0.5	7.75 0.305	8.51 0.035	4.45 0.175	1.50 0.059	20.70 0.815	17.00 0.669	11.80 0.465	0.74 0.5	12.26 2.756
10BSS	15.88 0.625	9.65 0.38	10.16 0.4	5.08 0.2	1.70 0.667	23.70 0.933	19.60 0.772	14.70 0.579	0.95 0.64	16.18 3.638
12BSS	19.05 0.75	11.68 0.46	12.07 0.475	5.72 0.225	1.80 0.071	27.30 1.075	22.70 0.894	16.10 0.634	1.19 0.8	20.59 4.630
16BSS	25.40 1	17.02 0.67	15.88 0.625	8.28 0.326	3.00 0.118	41.50 1.634	36.10 1.421	21.00 0.827	2.72 1.83	42.17 9.480

COMPONENTS



PITCH
The distance from the center of one pin to the center of the next. General measure of the "size" of the chain

PIN LINKPLATE
The outside plate of a roller chain, usually stamped with the Starkz logo and ANSI size

ROLLER LINKPLATE
The inside plate of a roller chain. Roller Linkplate are slightly larger than Pin Linkplate and contain larger pitch holes for the bushings.

ROLLER
A sort, hollow cylinder that fits loosely over the bushing and rotates as it comes into contact with the sprocket.

BUSHING
A hollow cylinder that is press fit into the roller linkplates. Pins in the pin linkplate are free to rotate within the bushing.

ROLLER LINK
An assembly made up two rollers assembled over two bushings that are press fit onto two roller linkplates.

PIN LINK
An assembly made up two pins press fit into a pin linkplate. There are three types of pin links (riveted, cottered, grooved).

PIN
A long solid cylinder that is press fit into the pin linkplate. The bushing fits over the pin, allowing flexibility of the chain joint.