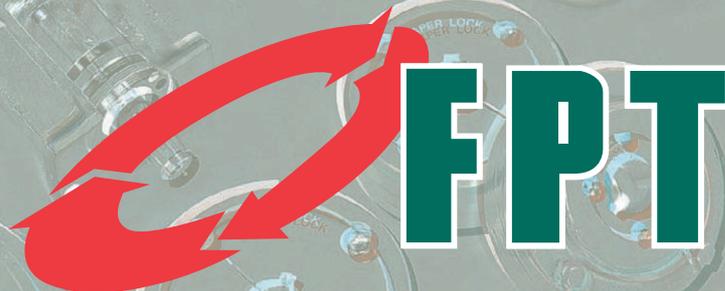
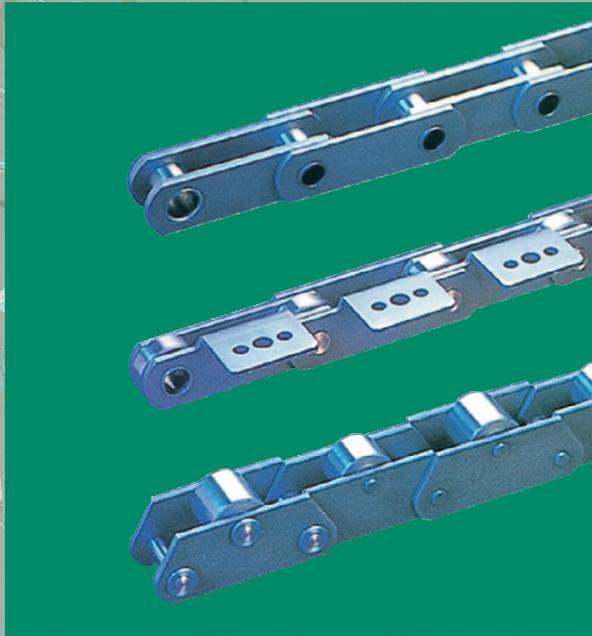


CONVEYOR CHAINS & SPROCKETS
FOR PALM OIL MILL INDUSTRY

ANDELL



Bearing pins fully machined and heat treated for ultimate wear resistance.

Heat treated precision formed bushes ensuring minimum distortion and superior concentricity.

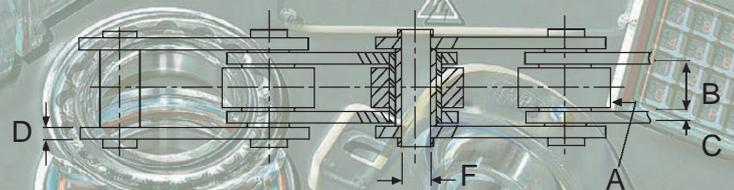
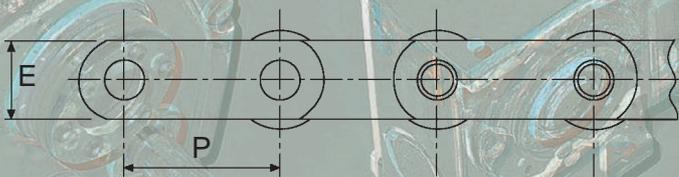
Rollers fully machined and case hardened giving excellent wear resistance and good load carrying qualities.

Precision punched link plates giving high tolerance pitch control and maximum interference fits. Links manufactured from high carbon steel giving increased breaking load.

Plated steel lock nuts.

ANDELL CONVEYOR CHAINS are manufactured in accordance to British Standard 4116 : Part 4 : 1992. Below are the common sizes used in the palm oil mills and our usual stock sizes available ex-stock. Other sizes or tensile strength are also available on request - please ask.

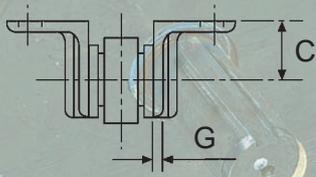
ANDELL
SOLID AND HOLLOW BEARING PIN CONVEYOR CHAIN
STANDARD TENSILE STRENGTH
12,000 lbs TO 45,000 lbs



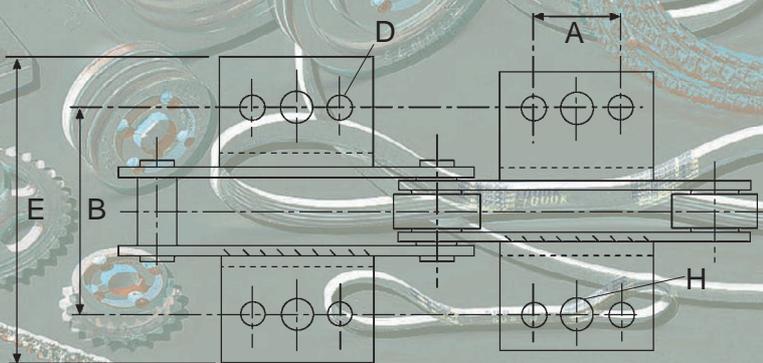
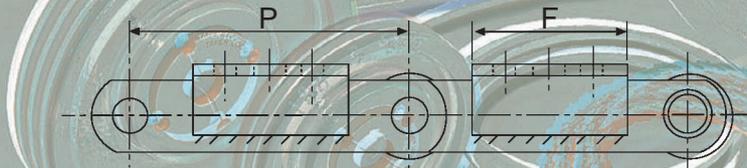
STANDARD SUPPLIED WITH HARDENED PLAIN STEEL ROLLERS.

Fenner Andell Chain No.		P Pitch (Inches)	A Roller Dia.	B Inner Width	C Thickness		E Link Depth	F Stud Bore
Hollow Pin	Solid Pin				Inner	Outer		
12,000 lbs 101208	15,000 lbs 101508	4,00	1,875	0,75	0,20	0,15	1,50	0,52
24,000 lbs 102408 102412	30,000 lbs 103008 103012	4,00 6,00	2,625	1,00	0,28	0,20	2,00	0,77
36,000 lbs 103612	45,000 lbs 104512	6,00	3,50	1,50	0,375	0,312	2,50	0,90

* Above chains with Higher T.S / Premier type and other range of conveyor chains are available on request. Please ask.



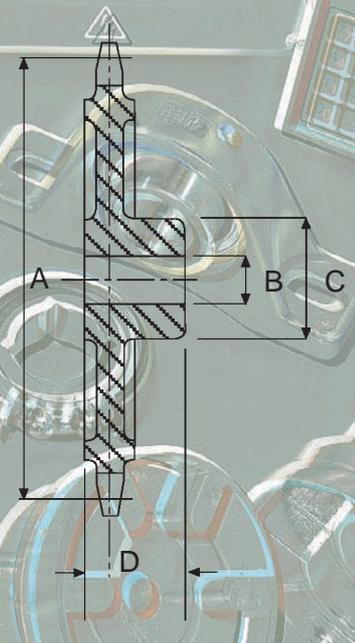
INTEGRAL



Breaking Load (lbs) Hollow Pin	Pitch (inches)	A	B	C	D	E		F	G	H	
						Inner	outer				
INTEGRAL K2 ATTACHMENTS - 2 HOLES AND K3 ATTACHMENTS - 3 HOLES											
12,000	15,000	4.00	1.25	3.50	1.25	0.43	4.90	5.00	2.50	0.15	0.55
24,000	30,000	4.00 6.00	1.25 2.25	4.25 4.25	1.50 1.50	0.50 0.50	5.75 5.75	6.25 6.25	2.50 4.50	0.20 0.20	0.61 0.61
WELDED K2 ATTACHMENTS - 2 HOLES AND K3 ATTACHMENTS - 3 HOLES											
12,000	15,000	4.00	1.25	3.50	1.25	0.43	4.90	5.00	2.20	0.20	0.55
24,000	30,000	4.00 6.00	1.25 2.25	4.25 4.25	1.50 1.50	0.50 0.50	5.75 5.75	6.25 6.25	2.20 3.30	0.24 0.24	0.61 0.61

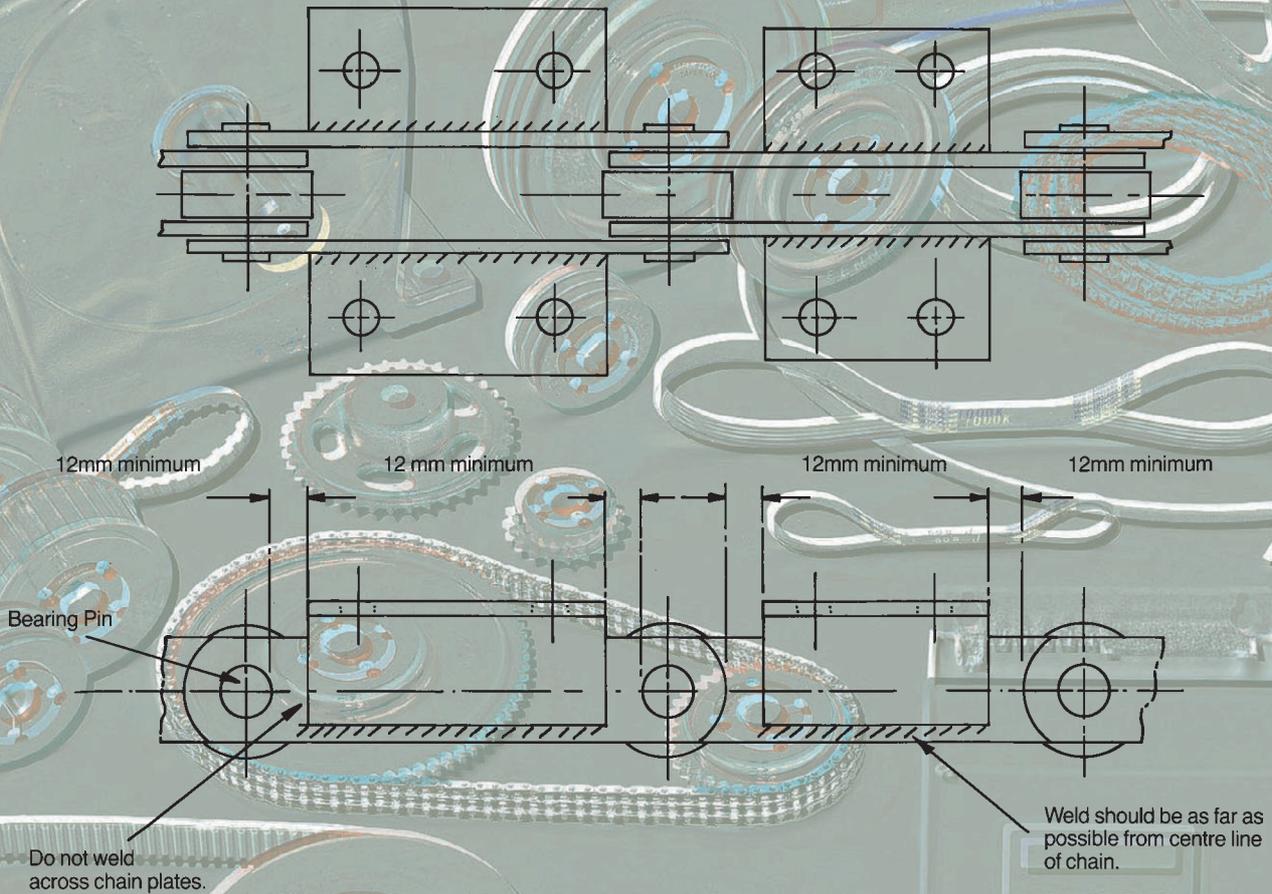
SPROCKET WHEELS --- STANDARD RANGE AVAILABLE AS CAST OR FABRICATED STEEL

Chain Breaking Load (lbs.)	Chain Pitch	No. of Teeth	A P.C.D.	B Max. Bore	C Boss Dia.	D Total Width	Approx. Weight (lbs)
12,000 AND 15,000	4,00	8	10,453	3,00	5,00	2,50	22
		12	15,455	3,25	5,50	3,00	44
		16	20,503	4,00	6,50	4,00	83
24,000 AND 30,000	4,00	8	10,453	3,75	6,00	3,25	28
		12	15,455	4,00	6,50	3,50	51
		16	20,503	4,75	7,50	4,00	148
	6,00	8	15,679	4,00	6,50	3,50	74
		12	23,182	4,75	7,50	4,00	116
		16	30,755	5,00	8,50	4,50	194
36,000 AND 45,000	6,00	8	15,679	4,75	8,00	4,00	89
		12	23,182	4,75	8,00	4,00	194
		16	30,755	5,00	8,50	4,50	315



ONE SIDED BOSS

*Other sizes & No. of teeth are available on request. Please ask.



Welding of Attachments to ANDELL Conveyor Chains

When MIG welding attachments, use wire which is suitable for dissimilar metals. For conventional welding, use low hydrogen rods.

The welding rod or MIG gun should be at an inclination of 45 degrees to the surface being welded and it is recommended for Andell standard conveyor chains that weld fillets be:

6,000 --- 15,000 lbf series --- weld 5 mm fillet.
24,000 --- 45,000 lbf series --- weld 6 mm fillet.

It is recommended that a weld should be no less than 12mm to the adjacent chain plate edge or bearing pin. This will ensure that the length of weld will not encroach upon that area around the plate holes. See diagram on above.

Do not weld along chain plate centre line, but rather, welding should be done as far away from the chain plate centre line possible. This is to ensure minimum distortion to the pitch.

Welding should not take place across the chain plate i.e. at right angles to the chain plate centre line. If this is unavoidable then start at the plate edge and ensure that the length of weld is no more than a quarter of the plate height.

For maximum security welding should be done on both top and bottom of the attachments.

PRODUCT RANGE AVAILABLE

- TRANSMISSION CHAINS & SPROCKETS
- HELICAL GEARED MOTORS & REDUCERS
- SCREW PRESS PARALLEL SHAFTS GEARED REDUCERS
- DIGESTER RIGHT ANGLE SHAFTS GEARED REDUCERS
- CAPSTAN WORM GEARBOX
- WEDGE BELTS & TAPER LOCK PULLEYS
- HYDRAULIC & FLEXIBLE COUPLINGS
- OTHERS.....

