

JDT INDIA KETTEN



Conveyor Chains & Sprockets Worldwide

CONVEYING SOLUTIONS



Get in Touch With us
JDT INDIA KETTEN PVT. LTD.

Ph. : 0120-4536938
Mob : 7302595822, 9927403609
Email : sales@jdtketten.com
Web : northsales@jdtketten.com
www.jdtketten.com

Chains | Sprockets | Wear Rails | Valves | Conveyors | Lubrication | Design & Feasibility | Precision Engineering | Laser Cutting & Fabrication | Site Service

MAKING MOTION IN EVERY INDUSTRY



CONVEYING SOLUTIONS



► BUCKET ELEVATORS

► OVERHEAD CONVEYORS

► CHAIN CONVEYORS

► PALLET CONVEYORS

CONVEYOR SYSTEM

JDT has extensive experience in chain manufacturing and a proven track record of developing durable, innovative products. Our conveyor solutions serve automotive, electrical, and appliance industries for production, assembly, and testing tasks.

JDT's Conveyor Division provides advanced material handling solutions, optimizing manufacturing efficiency with cutting-edge technology. We offer turnkey solutions for conveying a variety of materials across industries.



AUTOMOBILE INDUSTRY

- Assembly Line conveyors
- Washing line Conveyors
- Paint Shop Conveyor
- Pallet Transfer Conveyor



CEMENT INDUSTRY

- Bucket Elevators
- Redler Chain Conveyors
- Screw Conveyors
- 3R Trough Belt Conveyors
- Z Type Elevators



CHEMICAL INDUSTRY

- Cleated Belt Conveyor
- Coal Handling Conveyor System
- SS Bucket Elevator
- Twin Screw Conveyor
- Shuttling Conveyor



FOOD INDUSTRY

- PVC Belt Conveyors
- Modular Belt Conveyor
- SS Chain Conveyor
- Truck Loading Conveyor



FOUNDRIES

- Apron Conveyor
- Slat Chain Conveyor
- Accumulator Chain Conveyor
- Powered Roller Conveyor
- Transfer Trolley
- Curing Conveyor
- SHR Belt Conveyors

CHAIN CONVEYORS



SLAT CHAIN
CONVEYOR



▲ APRON
CONVEYOR



DRAG CHAIN
CONVEYOR



▲ TUBE CHAIN
CONVEYOR



DOG CHAIN
CONVEYOR



▲ OVERHEAD
CONVEYOR



▲ HINGED SLAT CHAIN
CONVEYOR



▲ WIRE MESH
CHAIN

BUCKET ELEVATORS



▲ CHAIN TYPE ELEVATOR



▲ BELT TYPE ELEVATOR



▲ HIGH CAPACITY ELEVATORS



▲ HIGH SPEED ELEVATORS



▲ CENTRIFUGAL DISCHARGE



▲ CONTINUOUS DISCHARGE

SCREW CONVEYORS



▲ TWIN SCREW CONVEYOR



▲ AUGER SCREW CONVEYOR



▲ TUBULAR SCREW CONVEYOR

BELT CONVEYORS



▲ TROUGH BELT CONVEYOR



▲ FLAT BELT CONVEYOR



▲ 180° RADIUS CONVEYOR

PALLET TRANSFER SYSTEM



FREE FLOW CONVEYORS



GRAVITY ROLLER CONVEYORS



POWERED ROLLER CONVEYORS



Material SpeCifiCation.

The manufacture an unrivalled range of high quality forged chains. The standard is for an alloy steel forging and pin case hardened for wear resistance. Specifications can be varied dependent on the operating environment.

Drop Forged Chain Links							
Material reference	JDT Reference	Material No		Standard Hardening	Heat Treatment Designation	Standard hardening value	Standard hardening depth
		DIN	AISI				
STANDARD QUALITIES							
20CrMnTi	TN	1.8401	A29/A29M	CASE HARDENING	CH	58-62 HRC	0,8-1,0 mm
42CrMo4	CD	1.7225	4140	HARDENING AND TEMPERING	TH	1100-1300 N/mm²	
ALTERNATIVES ON REQUEST							
18MnCrB5	BN	1.7168	—	CASE HARDENING	CH	58-62 HRC	0,8-1,0 mm
20MnCr5	MN	1.7147	5120	CASE HARDENING	CH	58-62 HRC	0,8-1,0 mm
21NiCrMo4	CN	1.6523	8620H	CASE HARDENING	CH	58-62 HRC	0,8-1,0 mm
C45	C	1.0503	1045	HARDENING AND TEMPERING	TH	800-900 N/mm²	
CORROSION AND ACID RESISTANT MATERIAL							
X5CrNi 18-10 (V 2 A)	SS304	1.4301	304				
X6CrNiMoTi 17-12-2 (V 4 A)	SS316	1.4571	316				
X4Cr13	SS 420	1.4034	420	HARDENING AND TEMPERING	TH	50-52 HRC	
HEAT - RESISTANT MATERIAL							
				HEAT RESISTANCE IN AIR			
X10CrAlSi7	JK HK	1.4713		800° C MAX		420-620 N/mm²	
X15CrNiSi 20-12	JK HH	1.4828	309	1000°C MAX		500-750 N/mm²	
Chain Pins							
Material reference	JDT Reference	Material No		Standard Hardening	Heat Treatment Designation	Standard hardening value	Standard hardening depth
		DIN	AISI				
STANDARD QUALITIES							
16MnCr5	85970 1991						
16MnCr5	590M17	1.7131	5115	CASE HARDENING	CH	58-62 HRC	0,8-1,0 mm
15NiCr13	633M13	1.5752	3310	CASE HARDENING	CH	58-62 HRC	0,8-1,0 mm
18CrNi8		1.592		CASE HARDENING	CH	58-62 HRC	0,8-1,0 mm
C45	080M46	1.0503	1045	INDUCTION HARDENING	IH	52-56 HRC	1,5-2,0 mm
				HARDENING AND TEMPERING	TH	45-50 HRC	
42CrMo4	708M40	1.7225	4140	INDUCTION HARDENING	IH	56-60 HRC	1,5-2,0 mm
				HARDENING AND TEMPERING	TH	56-60HRC	
CORROSION AND ACID RESISTANT MATERIAL							
X4Cr13	420S29	1.4034	420	HARDENING AND TEMPERING	TH	50-52 HRC	
X10CrNiMo17	440S49	1.4125	440	HARDENING AND TEMPERING	TH	50-55 HRC	
Circlips							
Material reference	JDT Reference	Material No		Standard Hardening	Heat Treatment Designation	Standard hardening value	Standard hardening depth
		DIN	AISI				
STANDARD QUALITIES							
DD12	P12	1.0398	621				
Ferritic – Cromweld 3Cr12	SS410	1.4003	410				
Austenitic	SS304	1.4301	303				





JDT INDIA KETTEN



JDT INDIA KETTEN PVT. LTD.

Works: Drives & Drives
A-35/1, Osiya Mata Compound,
Reti Bunder Road, Kalher
Bhiwandi, Maharashtra-421302

Office: Delhi NCR
GF No.- 96 Goyal Market,
Sec-14, Kaushambi,
Sahibabad, Gzb (UP)-201010

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