

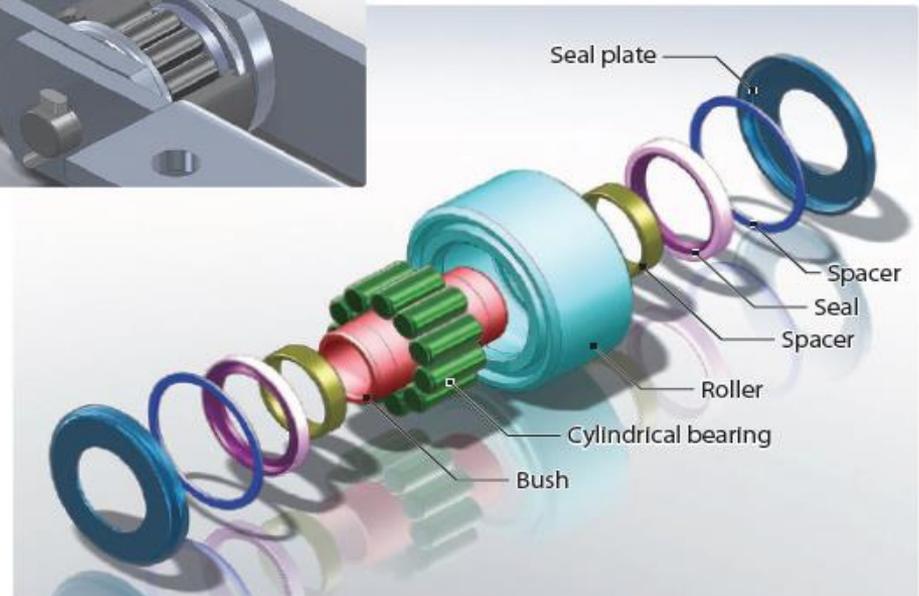
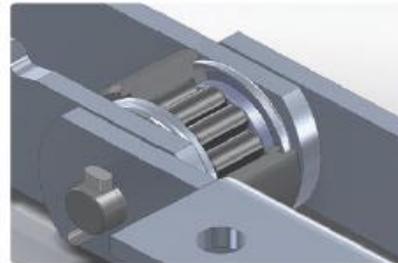


## Reclaimer Chain

### Reclaimer Chain



When abrasive material infiltrates between bushes and rollers, and infiltrates outboard rollers, the rollers lock and wear accelerates between bush and roller, causing your chain to reach its wear life. Using TSUBAKI's dust resistant bearing rollers extends the life of your reclaimer chain.



### Main Features

1. Solves the problem of dust causing early wear between bushes and rollers
2. Increases efficiency which lowers cost
3. Suppresses stick-slip phenomenon
4. Extends roller and rail life



# Reclaimer Chains

Various Pitches Available  
 (OEM's Predominantly Metric)  
 9.843" P, 12" P, 12.402" P roller  
 conveyor chains  
 with A2 and wear bars, G6, or  
 MM2 att

## STACK RECLAIMER CHAINS

Tsubaki: The choice for chain™

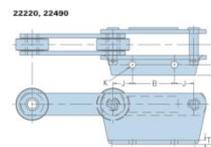
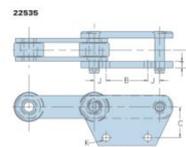
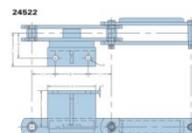
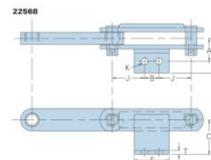
Engineering Chain Division



### Stack Reclaimers

Stack Reclaimers are popular when heavy industrial processes require that large storage piles of raw material are necessary. Reclaimer chain and flight assemblies function like scraper conveyors, less the trough, with flight blades that push material toward a belt feeding conveyor. The reclaimer conveyor's chain with digging flights are supported by rails and structure which span over or across the pile being reclaimed for transfer to plant processes.

Chain for this demanding application should provide the longest service life to achieve the best overall value. Chain must have large bearing areas, high hardness and deep case depths to provide the best performance. U.S. Tsubaki engineers have used these principles while retrofitting many reclaiming conveyors with chain and sprockets, achieving service life which is longer than O.E.M. chains. For the superior value and performance, U.S. Tsubaki Chain is your best choice.



### Reclaimer Chains

All dimensions are in inches unless otherwise indicated.

Drawing Number	Pitch									
		A	B	C	E	F	J	K	T	
22568	9.843	2.85	1.77	4.31	4.31	4.31	4.04	0.83	0.50	
22535	9.843	6.26	4.69	8.65	2.82	1.79	1.09	1.00		
22220	9.843	2.50	5.12	4.94	10.15	3.92	2.36	0.81	0.50	
22490	9.843	3.45	4.00	4.88	9.89	4.62	2.92	0.81	0.50	
24522*	12.402	3.91	5.12	5.75	7.50	5.25	3.64	0.81	0.50	

\* Available with or without mid pitch spacer  
 Note: Reclaimer chains are normally manufactured on a made-to-order basis. A few standard styles are shown above. Dimensions are subject to change. Contact U.S. Tsubaki to obtain certified prints for design and construction.

25696

**MASTER B/P**

WEIGHT 75 LBS / FT

Item	Part	Title	Material	Item	Part	Title	Material
1	T-26267	EXTENDED PIN	Austenitic	8	F-23253	OUTBOARD ROLLER	Austenitic
2	T-26256	BUSHING	Austenitic	9	F-23253	OUTBOARD ROLLER	Austenitic
3	T-26259	INBOARD Sprocket	CHT	10	F-62463	INBOARD RING TO X USE S.L.T.O.	Steel
4	T-26260	OUTSIDE Sprocket INH	CHT	10	F-62466	SNAP RING SH-275	Steel
5	T-26261	OUTSIDE ATT BAR INH	CHT	11	F-62467	SNAP RING M4-125	Steel
6	T-26262	SLEEVE	Steel	12	F-62465	SOCKET HD CAP SCREW MID X 90	Steel
7	F-62465	DRILL BEARING 6214 Z2	Steel	13	F-62469	LOCKWASHER W/ WELON HEENT	Steel

U.S. TSUBAKI, INC.  
AMERICAN MANUFACTURING CORPORATION  
10000 W. 10th Street, Omaha, NE 68137

**40mm PITCH RECLAIMER CHAIN**  
**M-2 ATTACHMENTS AND OUTBOARD**  
**BEARING ROLLERS EVERY PITCH**

DATE: 4-22-13  
 DWG NO: 25696  
 REV: 1



# Sprockets

## Sprockets for Large Size Conveyor Chain

### Replaceable Sprocket Blades



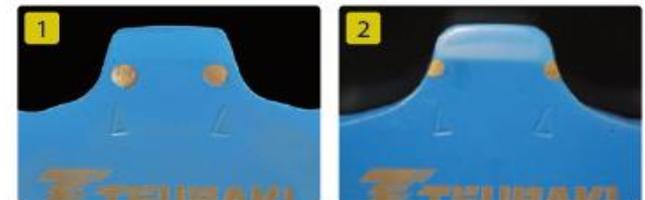
**smart tooth<sup>®</sup> Sprockets**

TSUBAKI also offers a line-up of sprockets where just the teeth can be replaced, which can reduce the massive replacement costs and labor when sprockets need replacing.

We can also deliver sprockets already assembled onto their shafts.



TSUBAKI's smart tooth<sup>®</sup> sprockets with patented Wear Indicator technology offer users the ability to identify and schedule drive system maintenance before critical component failure occurs. The result is extended chain life and reduced downtime for increased productivity. TSUBAKI's long history of designing innovative chain and sprocket products assures you will receive the best system solution.



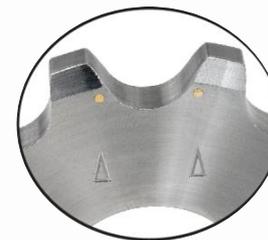
Comparison – New (1) vs. Worn Sprocket (2)



# Custom Sprocket Design & Manufacturing



Made-to-Order Sprockets



Wear Indicator Sprockets



Spline Bores



Segmental Rim Sprockets



## Sprockets

- **High Quality Materials**
  - Carbon steel, stainless steel, alloy steel, bronze
  - Heat-treated steel provides longer wear life
    - Resists abrasion
    - Withstands heavy shock loads
- **Flame cut and hardened**
  - Ensures hardened to 52 Rc min.
  - Precision manufacturing practices ensures performance

