



# SCREW CONVEYOR Nomenclature

## Conveyor Screw

**16 S 6 16 - R**

Flight Hand		
R	Right	
L	Left	
Flight Thickness		
04	1/16	10 5/32 16 1/4
06	3/32	12 3/16 24 3/8
08	1/8	14 7/32 32 1/2
Coupling Diameter		
2	1"	5 2 7/16" 8 3 15/16"
3	1 1/2"	6 3" 9 4 7/16"
4	2"	7 3 7/16" 10 4 15/16"
Screw Type		
H	Helicoid	R Ribbon HQ Quick Detachable Helicoid
S	Sectional	SQ Quick Detachable Sectional
Conveyor Diameter		

## Hanger Frame

**16 CH 220 6 - O**

Oil Pipe Assembly		
Coupling Diameter		
2	1"	5 2 7/16" 8 3 15/16"
3	1 1/2"	6 3" 9 4 7/16"
4	2"	7 3 7/16" 10 4 15/16"
Hanger Style		
220, 226, 216, 230, 316, 19B, 18B, 326, 30, 216F, 60, 70		
APH Air-Purged		
Conveyor Hanger		
Conveyor Diameter		

## Hanger Bearing

**CHB 220 6 MHI - O**

Oil Pipe Assembly		
Construction		
ST	Stellite	W Wood
MHI	Martin Hard Iron	BR Bronze
N	Nylatron	U UHMW
P	HDPE	MBR Martin Bronze
WN	White Nylon	C Ceramic
H	Cast Hard Iron	
Coupling Diameter		
2	1"	5 2 7/16" 8 3 15/16"
3	1 1/2"	6 3" 9 4 7/16"
4	2"	7 3 7/16" 10 4 15/16"
Style		
18B*, 60**, 216, 220		
* Wood, Cast Hard Iron, Nylatron & Gatke		
** Ball Bearing Only		
Conveyor Hanger Bearing		

## Coupling Shaft & Components

**CC 6 - 3 - H**

Special		
H	Hardened	
HC	Tungsten Carbide Coated	
ST	Stellite	
Add "3" if 3 Bolt Drilled		
Coupling Diameter		
2	1"	5 2 7/16" 8 3 15/16"
3	1 1/2"	6 3" 9 4 7/16"
4	2"	7 3 7/16" 10 4 15/16"
Coupling Part		
CCB	Coupling Bolts	CCC Close Coupling Shaft
CIC	Internal Collar	CHE Hanger End Shaft
CC	Coupling Shaft Std.	

## Drive & End Shaft

**1 CD 6 BB - W**

Seal Type		
Delete if without seal		
P	Plate	
W	Waste Pack	
Bearing Type		
BB	Ball	
B	Bronze	
Coupling Diameter		
2	1"	5 2 7/16" 8 3 15/16"
3	1 1/2"	6 3" 9 4 7/16"
4	2"	7 3 7/16" 10 4 15/16"
Type		
CD	Drive Shaft	
CE	End Shaft	
Drive Shaft Number		
Drive Shaft Only		
1	Standard End Plate	
2	Single Bearing Pedestal	
3	Double Bearing Pedestal	

## Cover Inlet

**16 CI F**

Type	
F	Fixed
D	Detachable
Cover Inlet	
Conveyor Diameter	

## Discharges & Gates

**16 TSD 7**

Sprout Thickness		
16	16 GA.	12 12 GA. 7 3/16"
14	14 GA.	10 10 GA. 3 1/4"
Type		
TSD	Plain Fixed Spout	
TSDS	Plain Fixed Spout w/Slide	
TSDF	Flush End Spout	
RPF	Rack & Pinion Flat Slide	
RPF D	Rack & Pinion Flat Slide Dust Tight	
RPC	Rack & Pinion Curved Slide	
RPC D	Rack & Pinion Curved Slide Dust Tight	
PF	Pneumatic Flat Slide	
PC	Pneumatic Curved Slide	
Conveyor Diameter		

## End Bearing

**TEB 6 BB**

Bearing or Shaft Type		
(Doesn't apply for TEBH & CTW)		
R	Roller	BR Bronze E End
D	Drive	BB Ball
Coupling Diameter		
2	1"	5 2 7/16" 8 3 15/16"
3	1 1/2"	6 3" 9 4 7/16"
4	2"	7 3 7/16" 10 4 15/16"
Bearing Style		
TEB	Flanged	
TDB	Discharge	
TPB	Pillow Block	
TEBH	Trough End Bearing Housing for Hanger Bearing	
CTW	Weather Set Thrust Style B	
CTH	Heavy-Duty RB End Thrust	
CT	Type E Thrust Hanger Bearing	

## Conveyor Trough

**16 CTF 3 - 12**

Length of Trough		
Trough Thickness		
16	16 GA.	12 12 GA. 7 3/16"
14	14 GA.	10 10 GA. 3 1/4"
Housing Configuration		
CTA	Angle Flange U-Trough	CHT-F Tubular Split Formed Flange
CTF	Formed Flange U-Trough	CHT-A Tubular Split Angle Flange
FCT	Flared Trough	
CHT	Tubular	
Conveyor Diameter		

## Trough Cover

**16 TCF 14 - 12**

Length of Cover		
Cover Thickness		
16	16 GA.	12 12 GA.
14	14 GA.	10 10 GA.
Type		
TCP	Plain	TCH Hip Roof
TCS	Semi-Flanged	TSC Shroud
TCF	Flanged	
Conveyor Diameter		

## Trough End

**16 TEF 6 - BB - P**

Plate Only		
(Less Bearing)		
Bearing Type		
BB	Ball	
RB	Roller	
Coupling Diameter		
2	1"	5 2 7/16" 8 3 15/16"
3	1 1/2"	6 3" 9 4 7/16"
4	2"	7 3 7/16" 10 4 15/16"
Trough End Type		
TE	Outside	
TEF	Outside with Feet	
TEI	Inside	
TER	Inside Rectangular	
TEO	Single Bearing Pedestal	
TEOD	Double Bearing Pedestal	
FTEF	Outside Flared with Feet	
FTE	Outside Flared	
FTEO	Single Bearing Flared Pedestal	
FTDO	Flared Discharge End	
TDO	Outside Discharge End	
TDI	Inside Discharge End	
CHTE	Outside Tubular	
CHTEF	Outside Tubular with Feet	
Conveyor Diameter		

## End Seal

**PGC 6**

Coupling Diameter		
2	1"	5 2 7/16" 8 3 15/16"
3	1 1/2"	6 3" 9 4 7/16"
4	2"	7 3 7/16" 10 4 15/16"
Seal Style		
CSS	Split Gland	MSP-SD Martin Super Pack Standard-Duty
PGC	Packing Gland	MSP-HD Martin Super Pack Heavy-Duty
CSW	Waste Pack with Lip Seal	
CSP	Plate Seal with Lip Seal	
CSFP	Product Drop Out	