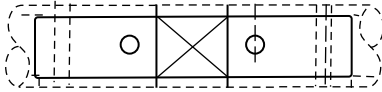
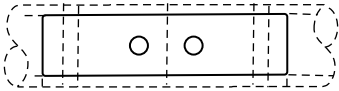
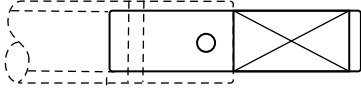
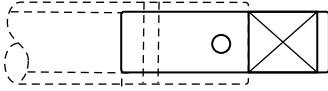
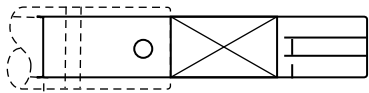
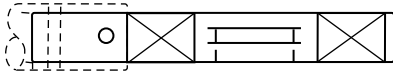
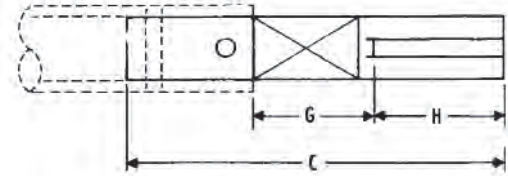


Coupling Shafts		CC	5					
Coupling Part		Coupling Diameter						
CC — Coupling Shaft Std.*		2 — 1"	5 — 2-7/16"	* Add suffix H if Hardened				
CCC — Close Coupling Shaft		3 — 1-1/2"	6 — 3"					
CHE — Hanger End Shaft*		4 — 2"	7 — 3-7/16"					
COUPLING		Conveyor couplings are used to join individual lengths of conveyor screws and allow for rotation within the hanger bearing. C-1045 steel couplings are normally furnished; however couplings with hardened bearing surfaces may be furnished where highly abrasive materials are being conveyed. Jig drilling allows for ease of installation.						
CLOSE		Close couplings are used to adjoin conveyor screws where no hanger is required. Jig drilling allows for ease of installation.						
Drive & End Shafts		1	CD	5	BB	W	Seal Type	
Drive Shaft Number		Type		Coupling Diameter		Bearing Type		(Delete if without seal) P — Plate W — Waste Pack
Drive Shaft Only		CD — Drive Shaft		2 — 1"	5 — 2-7/16"	BB — Ball		
1 — #1		CE — End Shaft		3 — 1-1/2"	6 — 3"	RB — Roller		
2 — #2 Single Bearing Pedestal				4 — 2"	7 — 3-7/16"			
3 — #3 Double Bearing Pedestal								
END		End shafts serve only to support the end conveyor section and are therefore usually supplied in cold rolled steel. End shafts are jig drilled for ease of assembly and close diametral tolerances are held for proper bearing operation.						
HANGER END		Hanger end shafts are designed to connect only one conveyor section to a hanger bearing. These shafts may also be used in pairs to divide an excessively long conveyor assembly between two drives.						
#1 DRIVE		No. 1 drive shafts are normally used where standard end plates are furnished. Jig drilling allows for ease of installation.						
SPECIAL DRIVE		Length, bearing location, seals and keyway location and size as required.						

No. 1 Drive Shaft



No. 1 drive shafts are normally used where standard end plates are furnished. Jig drilling allows for ease of installation.



No. 1 Drive Shaft Used Without Seal*											
Bronze Bearing						Ball Bearing					
Shaft Diameter	Part Number	C	G	H	Weight	Shaft Diameter	Part Number	C	G	H	Weight
1	1CD2B	9½	3½	3	2.0	1	1CD2BB	9	3	3	1.8
1½	1CD3B	12¾	4¾	3¼	6.3	1½	1CD3BB	11½	3½	3¼	5.6
2	1CD4B	15	5¾	4½	13.3	2	1CD4BB	13¾	3¾	4½	11.5
2⅝	1CD5B	17¾	7	5½	21.0	2⅝	1CD5BB	15¾	4¾	5½	18.0
3	1CD6B	19¾	8¾	6	37.0	3	1CD6BB	16¾	5¾	6	32.0
3⅝	1CD7B	23	9	7¼	60.4	3⅝	1CD7BB	20¾	6¾	7¼	52.5

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No. 1 Drive Shaft Used With Plate or Product Drop Out Seals*											
Bronze Bearing						Ball Bearing					
Shaft Diameter	Part Number	C	G	H	Weight	Shaft Diameter	Part Number	C	G	H	Weight
1	1CD2B-P	10	4	3	2.1	1	1CD2BB-P	9½	3½	3	2.0
1½	1CD3B-P	13¾	5¾	3¼	6.6	1½	1CD3BB-P	12¾	4¾	3¼	6.2
2	1CD4B-P	15¾	6¾	4½	14.1	2	1CD4BB-P	14	4¾	4½	12.5
2⅝	1CD5B-P	18¾	8	5½	24.3	2⅝	1CD5BB-P	15¾	5½	5½	21
3	1CD6B-P	19¾	8¾	6	38.0	3	1CD6BB-P	17¾	6¾	6	35
3⅝	1CD7B-P	24¾	10¾	7¼	61.0	3⅝	1CD7BB-P	21¾	7¾	7¼	56.5

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No. 1 Drive Shaft Used With Waste Pack Seal*											
Bronze Bearing						Ball Bearing					
Shaft Diameter	Part Number	C	G	H	Weight	Shaft Diameter	Part Number	C	G	H	Weight
1	1CD2B-W	11	4¾	3	2.2	1	1CD2BB-W	10½	3¾	3	2.0
1½	1CD3B-W	14¾	6½	3¼	7.2	1½	1CD3BB-W	13¾	5¼	3¼	6.4
2	1CD4B-W	16¾	7½	4½	14.9	2	1CD4BB-W	14¾	5¾	4½	13.0
2⅝	1CD5B-W	19¾	8¾	5½	23.3	2⅝	1CD5BB-W	16¾	6¾	5½	20.5
3	1CD6B-W	20¾	9¾	6	40.5	3	1CD6BB-W	18¾	7¾	6	35.5
3⅝	1CD7B-W	25¾	11¾	7¼	66.3	3⅝	1CD7BB-W	22¾	8¾	7¼	58.4

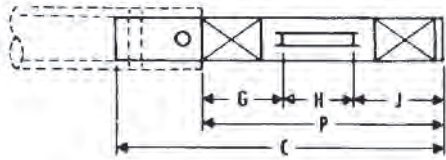
*Shaft length allows for ½ hanger bearing length as clearance between end plate and screw

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CONVEYORS

No. 2 Drive Shaft

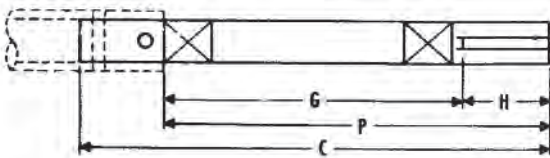
No. 2 drive shafts are used where pedestal type trough ends with single bearing are furnished. Jig drilling allows for ease of installation.



Shaft Diameter	Part Number	C	G	H	J	P	Weight
1	2CD2	11	3 $\frac{1}{4}$	2 $\frac{1}{4}$	2 $\frac{1}{2}$	8	2.5
1 $\frac{1}{2}$	2CD3	16 $\frac{1}{2}$	5	3 $\frac{1}{4}$	3 $\frac{1}{2}$	11 $\frac{1}{2}$	8.3
2	2CD4	18 $\frac{1}{4}$	5 $\frac{1}{4}$	4 $\frac{1}{4}$	4 $\frac{1}{2}$	14	17.0
2 $\frac{1}{16}$	2CD5	21 $\frac{1}{4}$	6	5 $\frac{1}{2}$	5 $\frac{1}{2}$	17	29.0
3	2CD6	23 $\frac{1}{2}$	6 $\frac{1}{2}$	5 $\frac{1}{2}$	6 $\frac{1}{2}$	18 $\frac{1}{2}$	49.0
3 $\frac{1}{16}$	2CD7	27	6 $\frac{3}{4}$	6	7 $\frac{1}{2}$	20 $\frac{1}{4}$	75.0

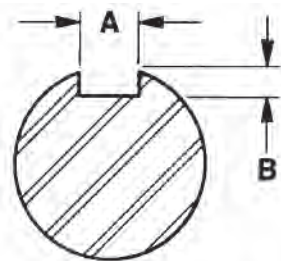
No. 3 Drive Shaft

No. 3 drive shafts are used where pedestal type trough ends with double bearings are furnished. Jig drilling allows for ease of installation.



Shaft Diameter	Part Number	C	G	H	P	Weight
1	3CD2	13	7 $\frac{1}{4}$	2 $\frac{1}{4}$	10	3
1 $\frac{1}{2}$	3CD3	19 $\frac{1}{4}$	11 $\frac{1}{4}$	3 $\frac{1}{4}$	14 $\frac{1}{2}$	10
2	3CD4	25 $\frac{1}{4}$	16 $\frac{1}{4}$	4 $\frac{1}{4}$	20 $\frac{1}{2}$	21
2 $\frac{1}{16}$	3CD5	28 $\frac{1}{4}$	18 $\frac{1}{4}$	5 $\frac{1}{4}$	24	36
3	3CD6	33 $\frac{1}{2}$	22 $\frac{1}{4}$	6 $\frac{1}{4}$	28 $\frac{1}{2}$	62
3 $\frac{1}{16}$	3CD7	39 $\frac{1}{4}$	25 $\frac{1}{4}$	7 $\frac{1}{4}$	32 $\frac{1}{2}$	95

Drive Shaft Keyways



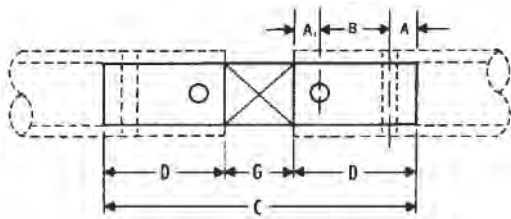
Shaft Diameter	A	B
1	$\frac{1}{4}$	$\frac{1}{8}$
1 $\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{16}$
2	$\frac{1}{2}$	$\frac{1}{4}$
2 $\frac{1}{16}$	$\frac{5}{8}$	$\frac{3}{8}$
3	$\frac{3}{4}$	$\frac{1}{2}$
3 $\frac{1}{16}$	$\frac{7}{8}$	$\frac{5}{8}$

Shafts



Coupling

Conveyor couplings are used to join individual lengths of conveyor screws and allow for rotation within the hanger bearing. Mild steel couplings are normally furnished; however induction hardened bearing area couplings may be furnished where highly abrasive materials are being conveyed. Jig drilling allows for ease of installation.



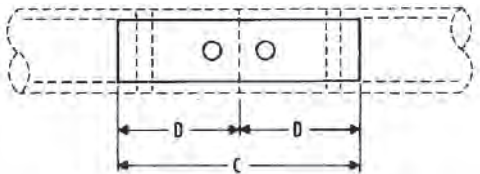
Shaft Diameter	Part Number*	A ₁	A	B	C	D	G	Weight
1	CC2	½	½	2	7½	3	1½	1.5
1½	CC3	¾	¾	3	11½	4¾	2	5.6
2	CC4	¾	¾	3	11½	4¾	2	9.8
2⅞	CC5	1⅝	1⅝	3	12¾	4⅞	3	15.4
3	CC6	1	1	3	13	5	3	23.8
3⅞	CC7	1½	1¼	4	17½	6¾	4	44.5

*Add — H for Hardened Shaft.

Shaft is induction hardened in bearing area only to 40-50 RC.

Close Coupling

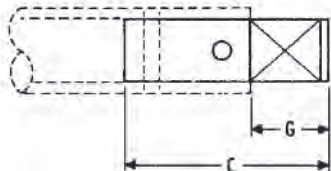
Close couplings are used to adjoin conveyor screws where no hanger is required. Jig drilling allows for ease of installation.



Shaft Diameter	Part Number	C	D	Weight
1	CCC2	6	3	1.3
1½	CCC3	9½	4¾	4.8
2	CCC4	9½	4¾	8.5
2⅞	CCC5	9¾	4⅞	12.9
3	CCC6	10	5	20.0
3⅞	CCC7	13½	6¾	37.0

Hanger End

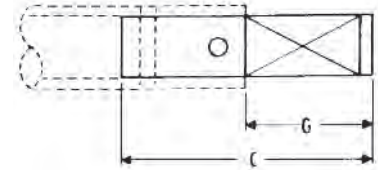
Hanger end shafts are designed to connect only one conveyor section to a hanger bearing. These shafts may also be used in pairs to divide an excessively long conveyor assembly between two drives.



Shaft Diameter	Part Number*	C	G	Weight
1	CHE2	4¾	1¾	1.0
1½	CHE3	6¾	2¾	3.5
2	CHE4	6¾	2¾	6.2
2⅞	CHE5	8¾	3¾	10.6
3	CHE6	8¾	3¾	16.5
3⅞	CHE7	11¾	4¾	29.7

*Add — H for Hardened Shaft
Shaft is induction hardened in bearing area only to 40-50 RC.

End shafts serve only to support the end conveyor section and are therefore usually supplied in cold rolled steel. End shafts are jig drilled for ease of assembly and close diametrical tolerances are held for proper bearing operation.



End Shaft Used Without Seal**									
Bronze Bearing					Ball Bearing				
Shaft Diameter	Part Number*	C	G	Weight	Shaft Diameter	Part Number*	C	G	Weight
1	CE2B	6½	3½	1.4	1	CE2BB	6	3	1.2
1½	CE3B	9¼	4½	4.5	1½	CE3BB	8¼	3½	3.8
2	CE4B	10¼	5½	9.0	2	CE4BB	8½	3¾	7.5
2⅝	CE5B	11⅞	7	15.4	2⅝	CE5BB	9½	4¾	12.4
3	CE6B	13¾	8½	25.6	3	CE6BB	10½	5½	20.8
3⅝	CE7B	16¾	9½	42.4	3⅝	CE7BB	13¾	6½	34.4

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End Shaft Used With Plate or Product Drop Out Seal**									
Bronze Bearing					Ball Bearing				
Shaft Diameter	Part Number*	C	G	Weight	Shaft Diameter	Part Number*	C	G	Weight
1	CE2B-P	7	4	1.5	1	CE2BB-P	6½	3½	1.4
1½	CE3B-P	10¼	5½	5.1	1½	CE3BB-P	9	4¼	4.5
2	CE4B-P	11¼	6½	10.0	2	CE4BB-P	9½	4¾	8.3
2⅝	CE5B-P	12¾	8	17.0	2⅝	CE5BB-P	10½	5¼	13.1
3	CE6B-P	13¾	8½	29.8	3	CE6BB-P	11½	6½	23.0
3⅝	CE7B-P	16¾	10½	44.0	3⅝	CE7BB-P	14¾	7½	37.1

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End Shaft Used With Waste Pack Seal**									
Bronze Bearing					Ball Bearing				
Shaft Diameter	Part Number*	C	G	Weight	Shaft Diameter	Part Number*	C	G	Weight
1	CE2B-W	8	4¼	1.6	1	CE2BB-W	7½	3¾	1.4
1½	CE3B-W	11	6¼	5.2	1½	CE3BB-W	10	5¼	4.8
2	CE4B-W	12	7¼	10.4	2	CE4BB-W	10½	5½	9.0
2⅝	CE5B-W	13¾	8¾	17.6	2⅝	CE5BB-W	11½	6½	14.8
3	CE6B-W	14¾	9½	28.2	3	CE6BB-W	12½	7½	24.0
3⅝	CE7B-W	18½	11½	48.0	3⅝	CE7BB-W	15½	8½	40.2

*Add - H for Hardened Shaft.

**Shaft length allows for ½ hanger bearing length, clearance between end plate and screw.

***Consult Factory