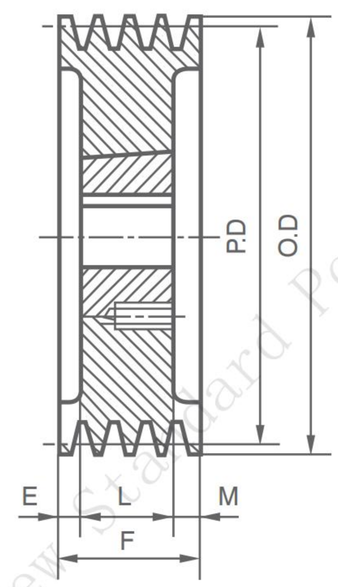
Taper Bore V-pulleys

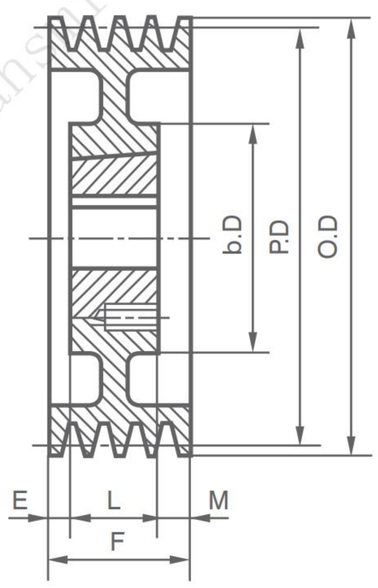
Cast Sheaves

A/B-C-D

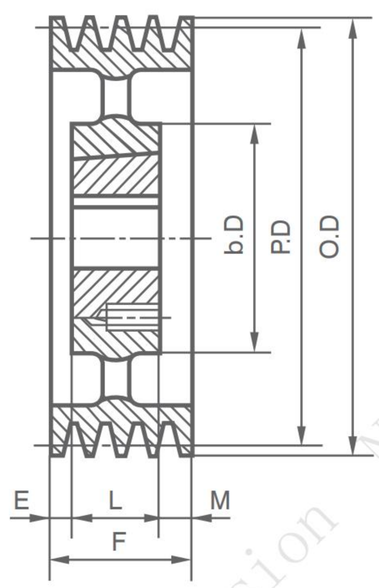
BTL



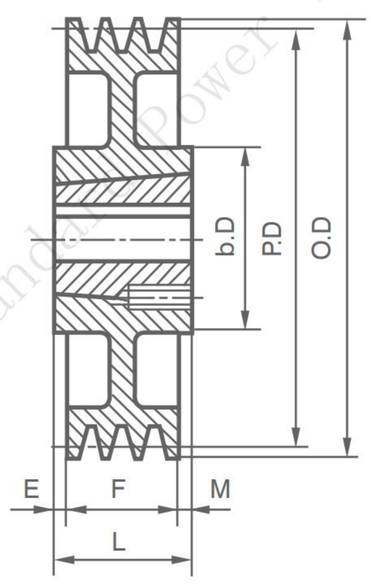
A-1



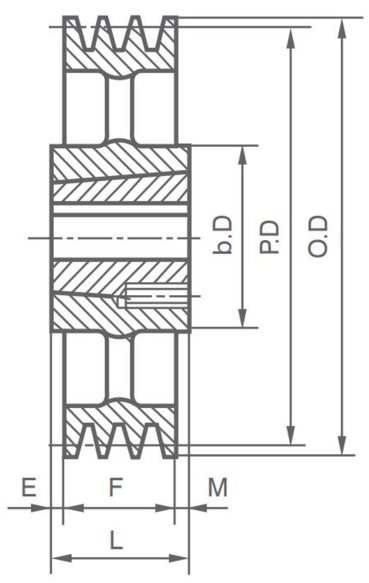
A-2



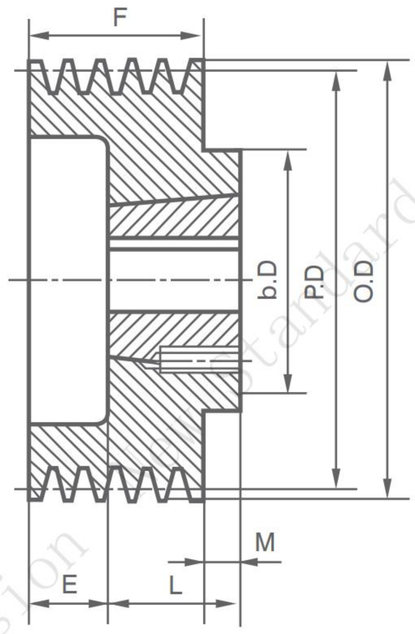
A-3



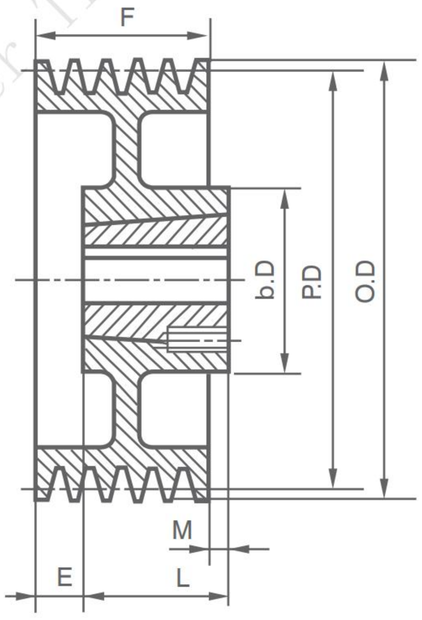
C-2



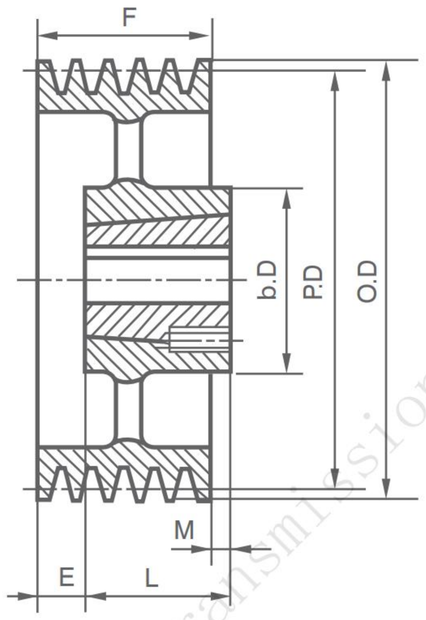
C-3



B-1



B-2



B-3

EXPRESSIONS OF TYPES FOR TAPER-LOCK SHEAVES

FOR STANDARD NARROW V BELT

4 C 100 TB2517

- TB2517 — Types of Taper Lock Bushings
- 100 — Outer Dia. of Sheaves (inches x 10)
- C — Types for V Gripbelt
- 4 — Groove

NSPT New Standard Power Transmission

Taper Bore V-pulleys

A/B-C-D

BTL

Cast Iron Sheaves

GROOVE DIMENSIONS

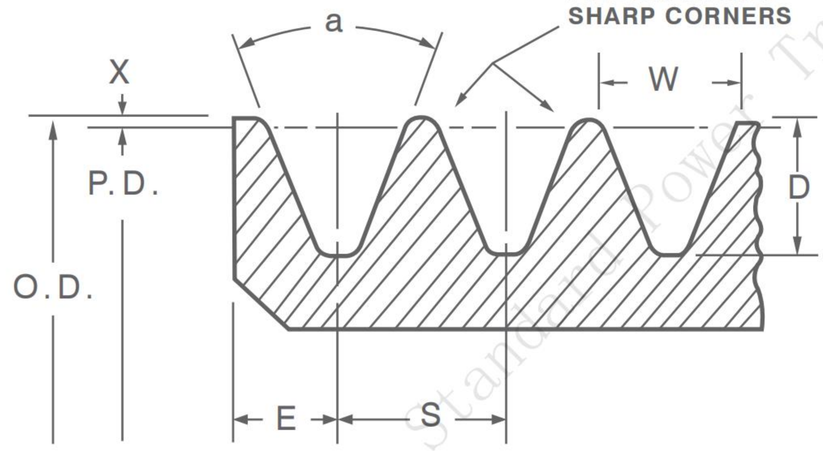
A/B-C-D-E

Face Width of Stock and Standard Sheaves

Face Width=S(N-1)+2E

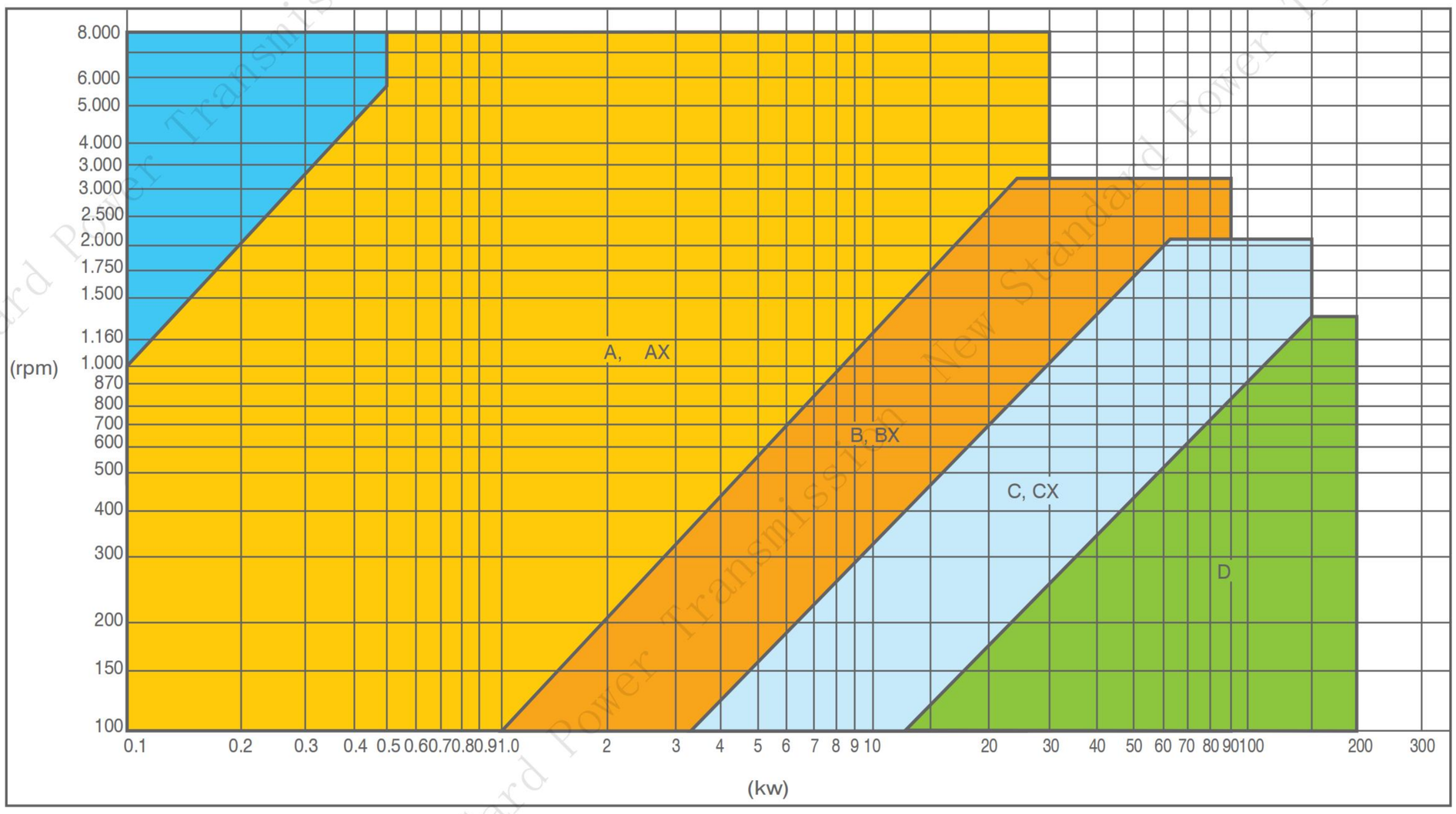
Where:

N=Number of Grooves



Belt	Minimum Recommended	P.D. Range	a Groove Angle ±1/4°	Groove Dimensions W	±.031	X	±.031	E	D
A	3.0	2.6-5.4 Over 5.4	34° 38°	.494 .504	±.005	.490	.125	.625	.375 +.070 −.000
B	5.4	4.6-7.0 Over 7.0	34° 38°	.637 .650	±.005	.580	.175	.750	.500 +.150 −.000
A·B	A 3.0 B 5.4	3.4-6.8 Over 6.8	34° 38°	.612 .625	±.005	.625	.175	.750	.500 +.150 −.100
C	9.0	7.0-7.99 8.0-12.0 Over 12.0	34° 36° 38°	.879 .887 .895	±.007	.780	.200	1	.688. +.150 −.000
D	13.0	12.0-12.99 13.0-17.0 Over 17.0	34° 36° 38°	1.259 1.271 1.283	±.007	1.050	.300	1.438	.875 +.250 −.000
E	21.0	18.0-24.0 Over 24.0	36° 38°	1.527 1.542	±.010	1.300	.400	1.75	1.123 +.250 −.000

SELECTION FOR STOCK V-BELT PULLEYS



Taper Bore V-pulleys

A/B-C-D

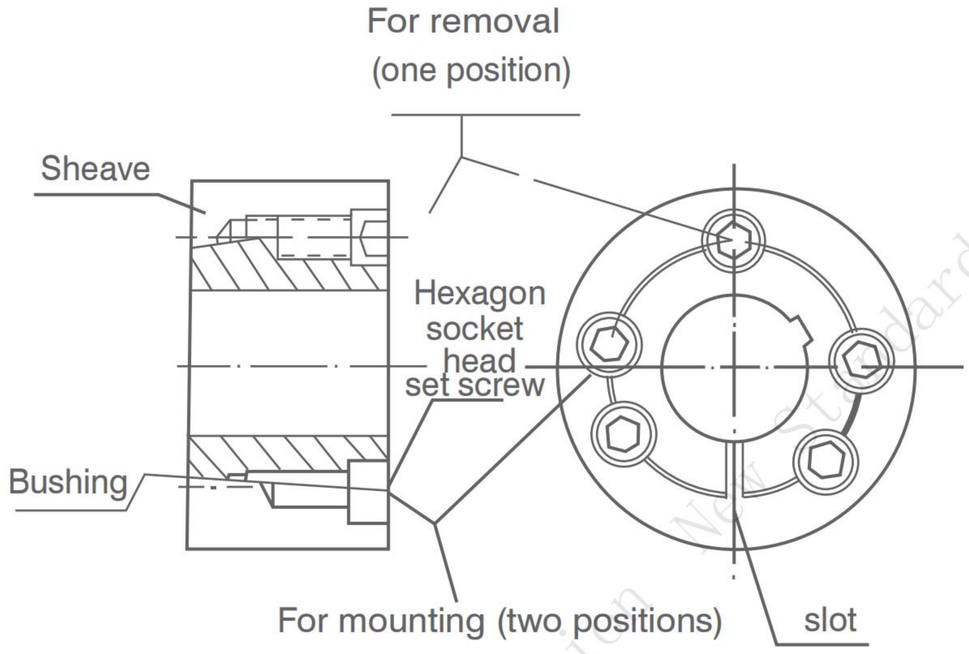
BTL

Cast Iron Sheaves

V-belt pulleys with a new type taper-lock bushing has changed the traditional way of transmission. It is easy on and off with high precision and reliable transmission function. It is suitable for any installation of different series through the using of taper-lock bushings of different specifications. It can simplify the design procedure, avoid remachinery but increase the degree of the commonality and standardization of the V-belt pulleys. It can be adopted widely in power transmission uses.

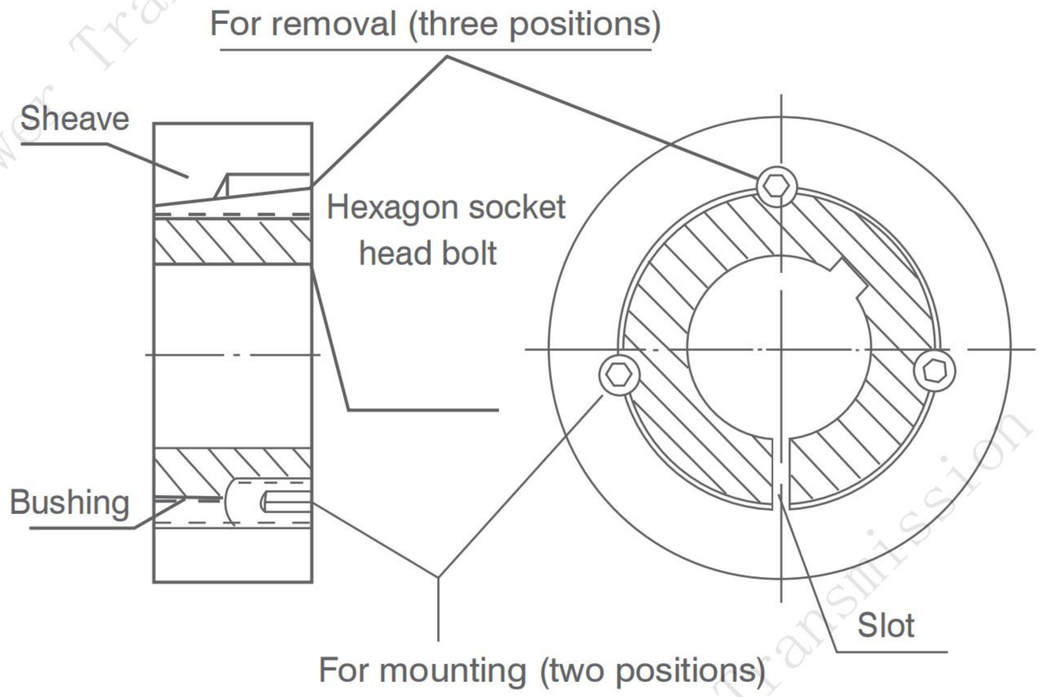


For removal (one position)



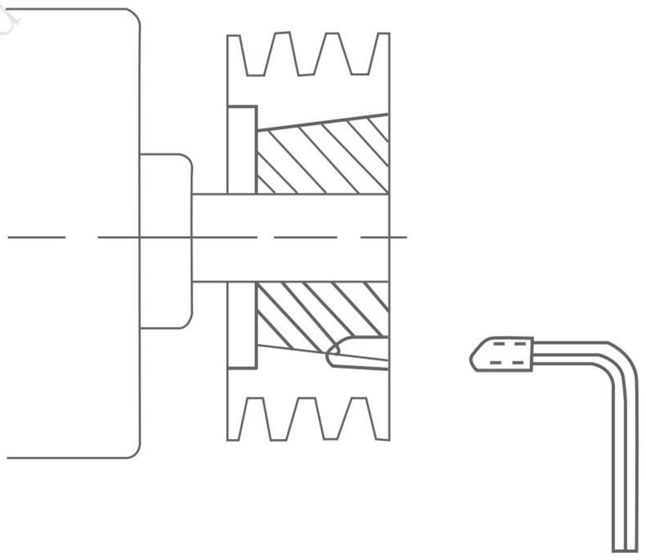
3535 to 5050

For removal (three positions)

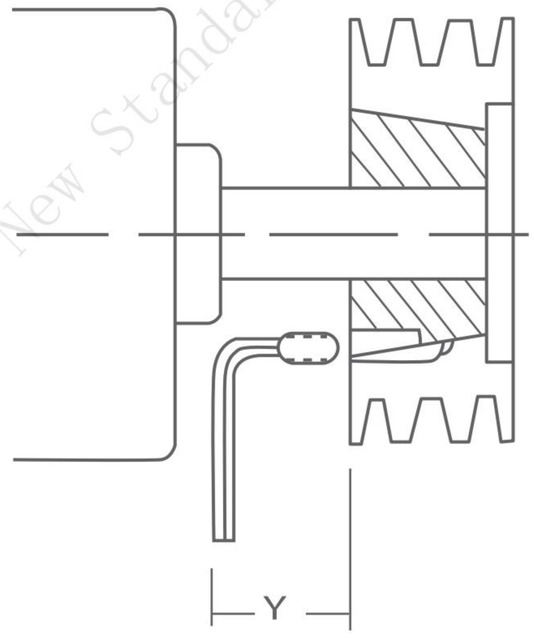


1008 to 3020

Universal Way



Reverse Way



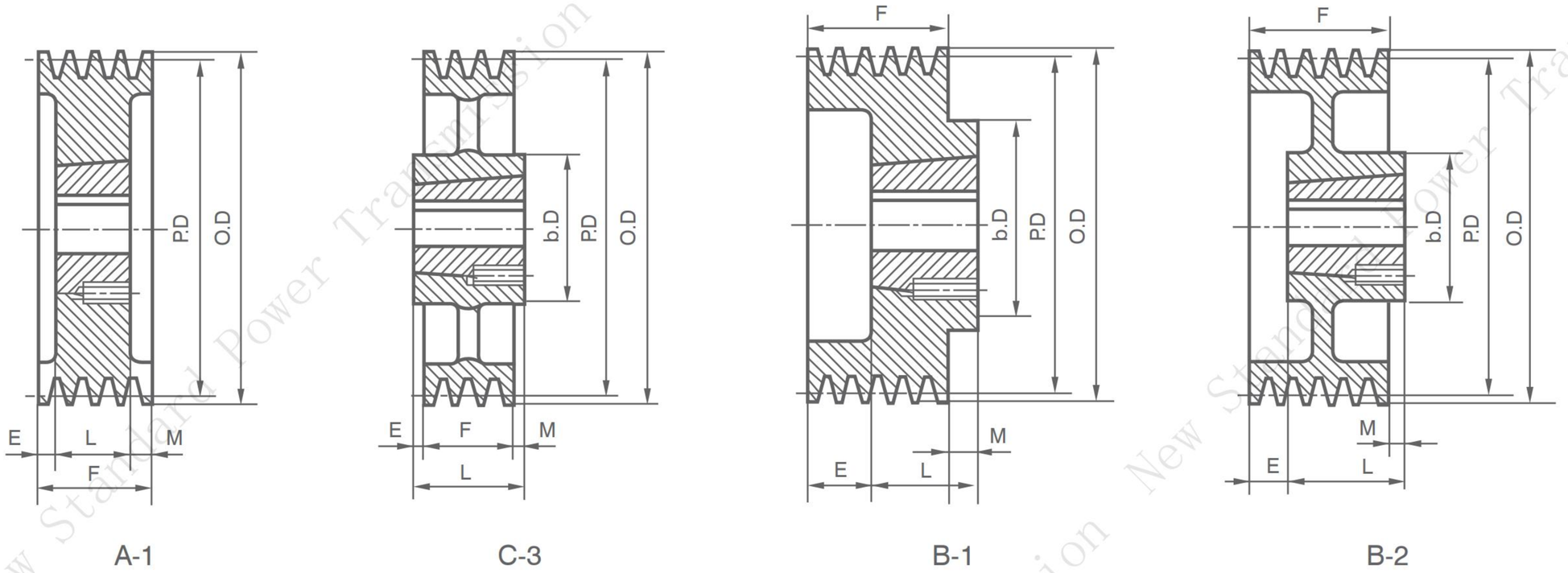
*Screw fastening and removing clearance (Y) is necessary.

TB Taper Bore V-pulleys

A/B-C-D

BTL

Cast Iron Sheaves



A/B-1

F=1" (25.40mm)

SHEAVE	P.D			O.D	Bush	Bush Max. Bore	TYPE	E	bD	L	WT LESS Bush
	A Belt	B Belt									
1 B 34 TB1210	3.00	3.40	3.75	1210	A1	1 1/4	—	—	1	—	2.2
1 B 36 TB1210	3.20	3.60	3.95	1210	A1	1 1/4	—	—	1	—	2.6
1 B 38 TB1610	3.40	3.80	4.15	1610	A1	1 5/8	—	—	1	—	2.8
1 B 40 TB1610	3.60	4.00	4.35	1610	A1	1 5/8	—	—	1	—	3.0
1 B 42 TB1610	3.80	4.20	4.55	1610	A1	1 5/8	—	—	1	—	3.5
1 B 44 TB1610	4.00	4.40	4.75	1610	A1	1 5/8	—	—	1	—	3.8
1 B 46 TB1610	4.20	4.60	4.95	1610	A1	1 5/8	—	—	1	—	4.0
1 B 48 TB1610	4.40	4.80	5.15	1610	A1	1 5/8	—	—	1	—	4.5
1 B 50 TB1610	4.60	5.00	5.35	1610	A1	1 5/8	—	—	1	—	4.8
1 B 52 TB1610	4.80	5.20	5.55	1610	A1	1 5/8	—	—	1	—	5.0
1 B 54 TB1610	5.00	5.40	5.75	1610	A1	1 5/8	—	—	1	—	5.5
1 B 56 TB1610	5.20	5.60	5.95	1610	A1	1 5/8	—	—	1	—	6.0
1 B 58 TB1610	5.40	5.80	6.15	1610	A1	1 5/8	—	—	1	—	6.3
1 B 60 TB1610	5.60	6.00	6.35	1610	A1	1 5/8	—	—	1	—	6.7
1 B 62 TB1610	5.80	6.20	6.55	1610	A1	1 5/8	—	—	1	—	7.0
1 B 64 TB1610	6.00	6.40	6.75	1610	A1	1 5/8	—	—	1	—	8.0
1 B 66 TB1610	6.20	6.60	6.95	1610	A1	1 5/8	—	—	1	—	8.5
1 B 68 TB1610	6.40	6.80	7.15	1610	A1	1 5/8	—	—	1	—	9.0
1 B 74 TB2517	7.00	7.40	7.75	2517	B1	2 1/2	—	4 3/4	1 3/4	3/4	9.4
1 B 86 TB2517	8.20	8.60	8.95	2517	B2	2 1/2	—	4 3/4	1 3/4	3/4	12.0
1 B 94 TB2517	9.00	9.40	9.75	2517	B2	2 1/2	—	4 3/4	1 3/4	3/4	14.0
1 B 110 TB2517	10.60	11.00	11.35	2517	B2	2 1/2	—	4 3/4	1 3/4	3/4	18.0
1 B 124 TB2517	12.00	12.40	12.75	2517	C3	2 1/2	1/4	4 3/4	1 3/4	1/2	18.5
1 B 154 TB2517	15.00	15.40	15.75	2517	C3	2 1/2	1/4	4 3/4	1 3/4	1/2	19.0
*1 B 184 TB2517	18.00	18.40	18.75	2517	C3	2 1/2	3/16	4 3/4	1 3/4	7/16	24.0

*F=1 1/8"

BTL-Bushing Standard Bore

Bushing	Bore Range	
	Min	Max
1210	1/2	1 1/4
1610	1/2	1 5/8
2517	1/2	2 1/2

Standard Keyseats

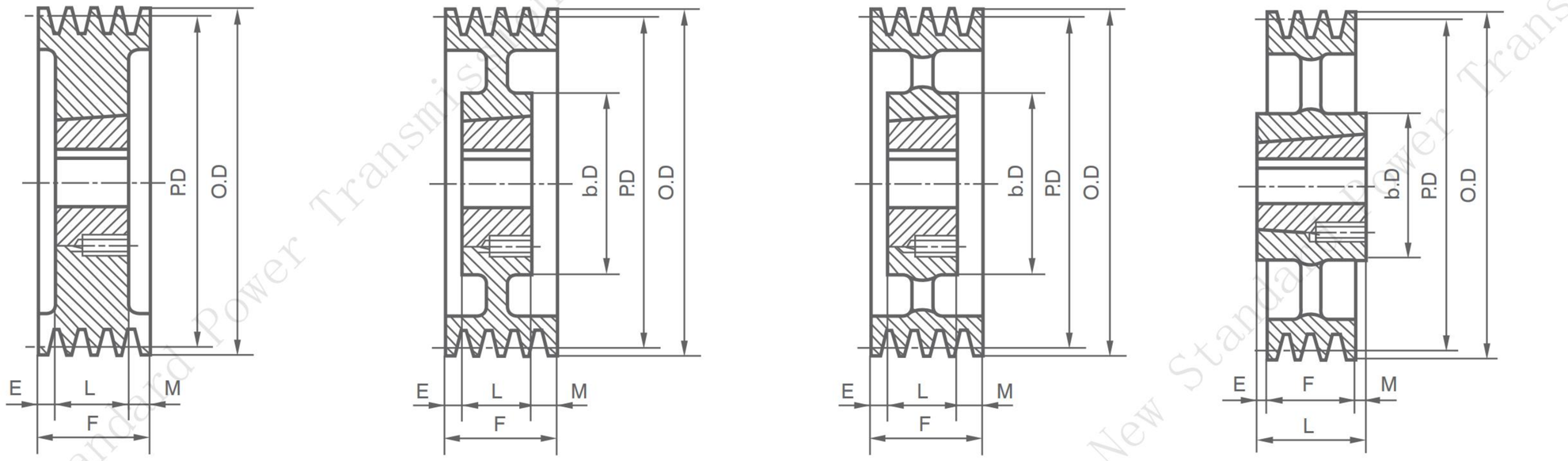
Bore Range	Keyseat	Bore Range	Keyseat
1/2-9/16	1/8x1/16	1 7/16-1 3/4	3/8x3/16
5/8-7/8	3/16x3/32	1 13/16-2 1/4	1/2x1/4
15/16-1 1/4	1/4x1/8	2 5/16-2 3/4	5/8x5/16
15/16-1 3/8	5/16x5/32	2 13/16-3 1/4	3/4x3/8

Taper Bore V-pulleys

Cast Iron Sheaves

A/B-C-D

BTL



A/B-2

F=1 3/4" (44.45mm)

SHEAVE	P.D			O.D	Bush	Bush Max. Bore	TYPE	E	bD	L	WT LESS Bush
	A Belt	B Belt									
2 B 34 TB1210	3.00	3.40	3.75	1210	A1	1 1/4	3/4	—	1	—	2.2
2 B 36 TB1210	3.20	3.60	3.95	1210	A1	1 1/4	3/4	—	1	—	2.6
2 B 38 TB1610	3.40	3.80	4.15	1610	A1	1 5/8	3/4	—	1	—	2.8
2 B 40 TB1610	3.60	4.00	4.35	1610	A1	1 5/8	3/4	—	1	—	3.0
2 B 42 TB1610	3.80	4.20	4.55	1610	A1	1 5/8	3/4	—	1	—	4.0
2 B 44 TB1610	4.00	4.40	4.75	1610	A1	1 5/8	3/4	—	1	—	4.5
2 B 46 TB1610	4.20	4.60	4.95	1610	A1	1 5/8	3/4	—	1	—	5.0
2 B 48 TB1610	4.40	4.80	5.15	1610	A1	1 5/8	3/4	—	1	—	5.5
2 B 50 TB1610	4.60	5.00	5.35	1610	A1	1 5/8	3/4	—	1	—	6.0
2 B 52 TB1610	4.80	5.20	5.55	1610	A1	1 5/8	3/4	—	1	—	6.5
2 B 54 TB1610	5.00	5.40	5.75	1610	A1	1 5/8	3/4	—	1	—	7.0
2 B 56 TB1610	5.20	5.60	5.95	1610	A1	1 5/8	3/4	—	1	—	8.2
2 B 58 TB1610	5.40	5.80	6.15	1610	A1	1 5/8	3/4	—	1	—	8.6
2 B 60 TB1610	5.60	6.00	6.35	1610	A1	1 5/8	3/4	—	1	—	8.8
2 B 62 TB1610	5.80	6.20	6.55	1610	A1	1 5/8	3/4	—	1	—	9.0
2 B 64 TB1610	6.00	6.40	6.75	1610	A1	1 5/8	3/4	—	1	—	10.0
2 B 66 TB1610	6.20	6.60	6.95	1610	A1	1 5/8	3/4	—	1	—	10.5
2 B 68 TB1610	6.40	6.80	7.15	1610	A1	1 5/8	3/4	—	1	—	11.0
2 B 74 TB2517	7.00	7.40	7.75	2517	A1	2 1/2	—	—	1 3/4	—	16.0
2 B 86 TB2517	8.20	8.60	8.95	2517	A2	2 1/2	—	4 3/4	1 3/4	—	18.0
2 B 94 TB2517	9.00	9.40	9.75	2517	A2	2 1/2	—	4 3/4	1 3/4	—	20.0
2 B 110 TB2517	10.60	11.00	11.35	2517	A2	2 1/2	—	4 3/4	1 3/4	—	25.0
2 B 124 TB2517	12.00	12.40	12.75	2517	A3	2 1/2	—	4 3/4	1 3/4	—	27.0
2 B 154 TB2517	15.00	15.40	15.75	2517	A3	2 1/2	—	4 3/4	1 3/4	—	31.0
2 B 184 TB2517	18.00	18.40	18.75	2517	A3	2 1/2	—	4 3/4	1 3/4	—	33.0
2 B 200 TB3020	19.60	20.00	20.35	3020	C3	3	—	5 11/16	2	1/4	49.0
2 B 250 TB3020	24.60	25.00	25.35	3020	C3	3	—	5 11/16	2	1/4	65.0
2 B 300 TB3020	29.60	30.00	30.35	3020	C3	3	—	5 11/16	2	1/4	75.0
2 B 380 TB3020	37.60	38.00	38.35	3020	C3	3	—	5 11/16	2	1/4	112

BTL-Bushing Standard Bore

Bushing	Bore Range	
	Min	Max
1210	1/2	1 1/4
1610	1/2	1 5/8
2517	1/2	2 1/2
3020,3030	7/8	3"

Standard Keyseats

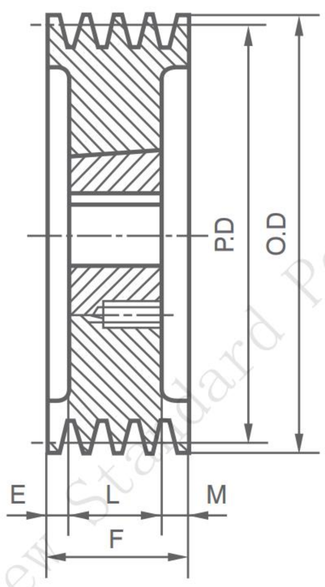
Bore Range	Keyseat	Bore Range	Keyseat
1/2-9/16	1/8x1/16	1 7/16-1 3/4	3/8x3/16
5/8-7/8	3/16x3/32	1 13/16-2 1/4	1/2x1/4
15/16-1 1/4	1/4x1/8	2 5/16-2 3/4	5/8x5/16
15/16-1 3/8	5/16x5/32	2 13/16-3 1/4	3/4x3/8

TB Taper Bore V-pulleys

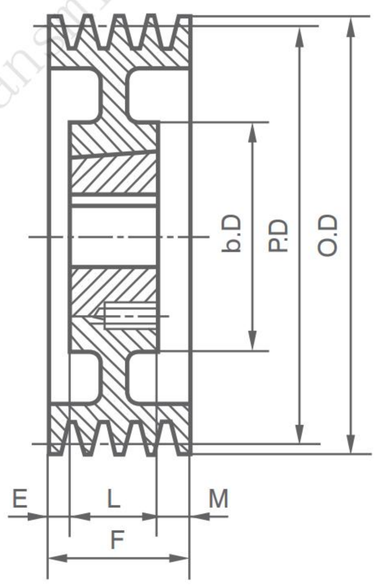
Cast Iron Sheaves

A/B-C-D

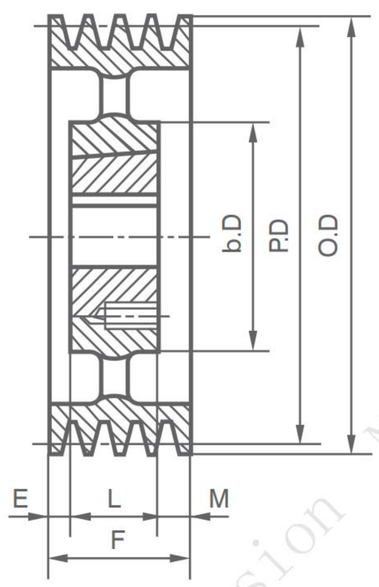
BTL



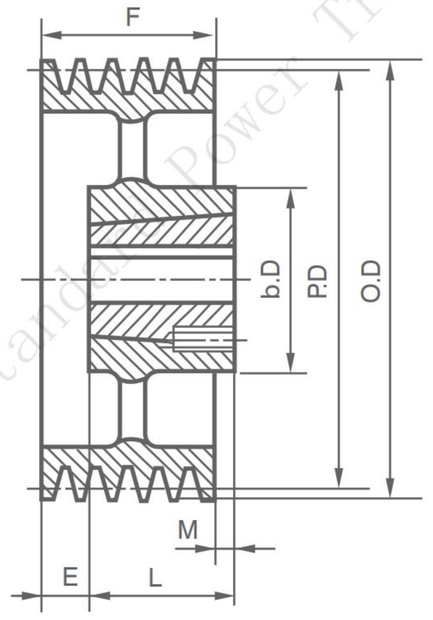
A-1



A-2



A-3



B-3

A/B-3

F=2 1/2" (63.50mm)

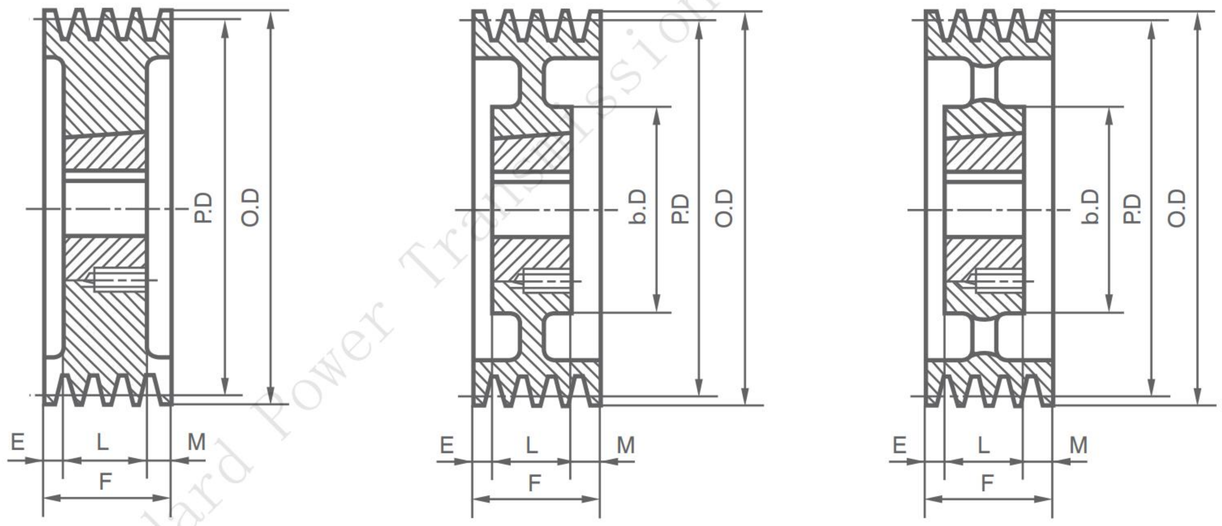
SHEAVE	PD			OD	Bush	Bush Max. Bore	TYPE	E	bD	L	WT. LESS Bush
	A Belte	B Belte									
3 B 34 TB1210	3.00	3.40	3.75	1210	A1	1 1/4	1 1/2	—	1	—	3.0
3 B 36 TB1210	3.20	3.60	3.95	1210	A1	1 1/4	1 1/2	—	1	—	3.5
3 B 38 TB1610	3.40	3.80	4.15	1610	A1	1 5/8	1 1/2	—	1	—	4.0
3 B 40 TB1610	3.60	4.00	4.35	1610	A1	1 5/8	1 1/2	—	1	—	5.0
3 B 42 TB1610	3.80	4.20	4.55	1610	A1	1 5/8	1 1/2	—	1	—	6.0
3 B 44 TB1610	4.00	4.40	4.75	1610	A1	1 5/8	1 1/2	—	1	—	6.5
3 B 46 TB1610	4.20	4.60	4.95	1610	A1	1 5/8	1 1/2	—	1	—	7.0
3 B 48 TB1610	4.40	4.80	5.15	1610	A1	1 5/8	1 1/2	—	1	—	8.0
3 B 50 TB1610	4.60	5.00	5.35	1610	A1	1 5/8	1 1/2	—	1	—	8.5
3 B 52 TB1610	4.80	5.20	5.55	1610	A1	1 5/8	1 1/2	—	1	—	9.0
3 B 54 TB2517	5.00	5.40	5.75	2517	A1	2 1/2	3/4	—	1 3/4	—	9.5
3 B 56 TB2517	5.20	5.60	5.95	2517	A1	2 1/2	3/4	—	1 3/4	—	10.0
3 B 58 TB2517	5.40	5.80	6.15	2517	A1	2 1/2	3/4	—	1 3/4	—	10.5
3 B 60 TB2517	5.60	6.00	6.35	2517	A1	2 1/2	3/4	—	1 3/4	—	11.0
3 B 62 TB2517	5.80	6.20	6.55	2517	A1	2 1/2	3/4	—	1 3/4	—	11.5
3 B 64 TB2517	6.00	6.40	6.75	2517	A1	2 1/2	3/4	—	1 3/4	—	12.0
3 B 66 TB2517	6.20	6.60	6.95	2517	A1	2 1/2	3/4	—	1 3/4	—	12.3
3 B 68 TB2517	6.40	6.80	7.15	2517	A1	2 1/2	3/4	—	1 3/4	—	12.8
3 B 74 TB2517	7.00	7.40	7.75	2517	A1	2 1/2	3/4	—	1 3/4	—	16.0
3 B 86 TB2517	8.20	8.60	8.95	2517	A2	2 1/2	3/4	4 3/4	1 3/4	—	19.0
3 B 94 TB2517	9.00	9.40	9.75	2517	A2	2 1/2	3/4	4 3/4	1 3/4	—	21.0
3 B 110 TB2517	10.60	11.00	11.35	2517	A2	2 1/2	3/4	4 3/4	1 3/4	—	24.0
3 B 124 TB2517	12.00	12.40	12.75	2517	A3	2 1/2	—	4 3/4	1 3/4	3/4	28.0
3 B 154 TB2517	15.00	15.40	15.75	2517	A3	2 1/2	—	4 3/4	1 3/4	3/4	30.0
3 B 184 TB2517	18.00	18.40	18.75	2517	A3	2 1/2	—	4 3/4	1 3/4	3/4	44.0
3 B 200 TB3020	19.60	20.00	20.35	3020	A3	3	—	5 11/16	2	1/2	58.0
3 B 250 TB3020	24.60	25.00	25.35	3020	A3	3	—	5 11/16	2	1/2	74.0
3 B 300 TB3020	29.60	30.00	30.35	3020	A3	3	—	5 11/16	2	1/2	84.0
3 B 380 TB3030	37.60	38.00	38.35	3030	B3	3	—	5 11/16	3	1/2	135

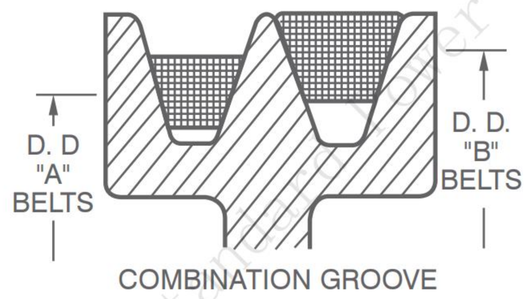
Taper Bore V-pulleys

Cast Iron Sheaves

A/B-C-D

BTL





A/B-4

F=3 1/4" (82.55mm)

SHEAVE	P.D			O.D	Bush	Bush Max. Bore	TYPE	E	bD	L	WT LESS Bush
	A Belt	B Belt									
4 B 34 TB1210	3.00	3.40	3.75	1210	A1	1 1/4	2 1/4	—	1	—	3.0
4 B 36 TB1210	3.20	3.60	3.95	1210	A1	1 1/4	2 1/4	—	1	—	3.5
4 B 38 TB1610	3.40	3.80	4.15	1610	A1	1 5/8	2 1/4	—	1	—	4.0
4 B 40 TB1610	3.60	4.00	4.35	1610	A1	1 5/8	2 1/4	—	1	—	
4 B 42 TB1610	3.80	4.20	4.55	1610	A1	1 5/8	2 1/4	—	1	—	5.5
4 B 44 TB1610	4.00	4.40	4.75	1610	A1	1 5/8	2 1/4	—	1	—	6.0
4 B 46 TB1610	4.20	4.60	4.95	1610	A1	1 5/8	2 1/4	—	1	—	7.0
4 B 48 TB1610	4.40	4.80	5.15	1610	A1	1 5/8	2 1/4	—	1	—	8.0
4 B 50 TB2517	4.60	5.00	5.35	2517	A1	2 1/2	1 1/2	—	1 3/4	—	8.5
4 B 52 TB2517	4.80	5.20	5.55	2517	A1	2 1/2	1 1/2	—	1 3/4	—	9.0
4 B 54 TB2517	5.00	5.40	5.75	2517	A1	2 1/2	1 1/2	—	1 3/4	—	9.5
4 B 56 TB2517	5.20	5.60	5.95	2517	A1	2 1/2	1 1/2	—	1 3/4	—	10.0
4 B 58 TB2517	5.40	5.80	6.15	2517	A1	2 1/2	1 1/2	—	1 3/4	—	12.0
4 B 60 TB2517	5.60	6.00	6.35	2517	A1	2 1/2	1 1/2	—	1 3/4	—	12.5
4 B 62 TB2517	5.80	6.20	6.55	2517	A1	2 1/2	1 1/2	—	1 3/4	—	13.0
4 B 64 TB2517	6.00	6.40	6.75	2517	A1	2 1/2	1 1/2	—	1 3/4	—	14.0
4 B 66 TB2517	6.20	6.60	6.95	2517	A1	2 1/2	1 1/2	—	1 3/4	—	15.0
4 B 68 TB2517	6.40	6.80	7.15	2517	A1	2 1/2	1 1/2	—	1 3/4	—	16.0
4 B 74 TB2517	7.00	7.40	7.75	2517	A1	2 1/2	1 1/2	—	1 3/4	—	20.0
4 B 86 TB2517	8.20	8.60	8.95	2517	A2	2 1/2	1 1/2	4 3/4	1 3/4	—	21.0
4 B 94 TB2517	9.00	9.40	9.75	2517	A2	2 1/2	1 1/2	4 3/4	1 3/4	—	23.0
4 B 110 TB2517	10.60	11.00	11.35	2517	A2	2 1/2	1 1/2	4 3/4	1 3/4	—	28.0
4 B 124 TB2517	12.00	12.40	12.75	2517	A3	2 1/2	3/8	4 3/4	1 3/4	1 1/8	34.0
4 B 154 TB2517	15.00	15.40	15.75	2517	A3	2 1/2	3/8	4 3/4	1 3/4	1 1/8	42.0
4 B 184 TB2517	18.00	18.40	18.75	2517	A3	2 1/2	1/2	4 3/4	1 3/4	1	53.0
4 B 200 TB3020	19.60	20.00	20.35	3020	A3	3	1/2	5 11/16	2	3/4	66.0
4 B 250 TB3030	24.60	25.00	25.35	3030	A3	3	—	5 11/16	3	1/4	80.0
4 B 300 TB3030	29.60	30.00	30.35	3030	A3	3	—	5 11/16	3	1/4	100
4 B 380 TB3030	37.60	38.00	38.35	3030	A3	3	—	5 11/16	3	1/4	142

BTL-Bushing Standard Bore

Bushing	Bore Range	
	Min	Max
1210	1/2	1 1/4
1610,1615	1/2	1 5/8
2517	1/2	2 1/2
3020,3030	7/8	3"

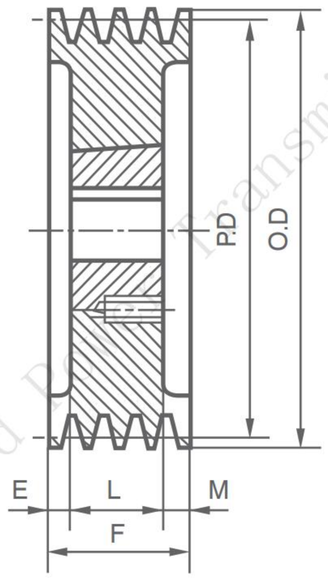
Standard Keyseats

Bore Range	Keyseat	Bore Range	Keyseat
1/2-9/16	1/8x1/16	1 7/16-1 3/4	3/8x3/16
5/8-7/8	3/16x3/32	1 13/16-2 1/4	1/2x1/4
15/16-1 1/4	1/4x1/8	2 5/16-2 3/4	5/8x5/16
15/16-1 3/8	5/16x5/32	2 13/16-3 1/4	3/4x3/8

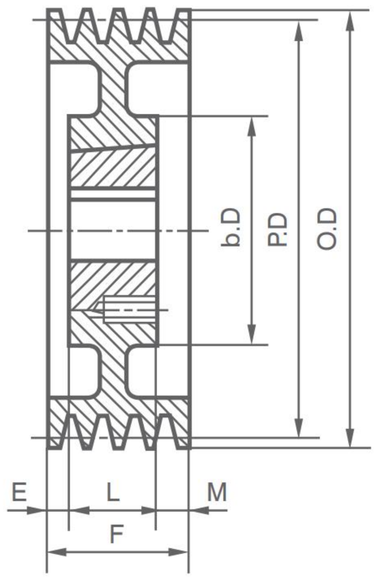
Taper Bore V-pulleys

A/B-C-D

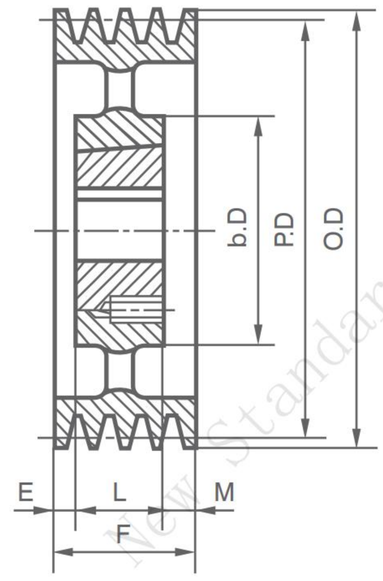
Cast Iron Sheaves BTL



A-1



A-2



A-3

A/B-5

F=4" (101.60mm)

SHEAVE	P.D			O.D	Bush	Bush Max. Bore	TYPE	E	Db	L	WT. LESS Bush
	A Belt	B Belt									
5 B 34 TB1215	3.00	3.40	3.75	1215	A1	1 1/4	2 1/2	—	1 1/2	—	5.0
5 B 36 TB1215	3.20	3.60	3.95	1215	A1	1 1/4	2 1/2	—	1 1/2	—	5.5
5 B 38 TB1615	3.40	3.80	4.15	1615	A1	1 5/8	2 1/2	—	1 1/2	—	6.0
5 B 40 TB1615	3.60	4.00	4.35	1615	A1	1 5/8	2 1/2	—	1 1/2	—	6.5
5 B 42 TB1615	3.80	4.20	4.55	1615	A1	1 5/8	2 1/2	—	1 1/2	—	7.0
5 B 44 TB1615	4.00	4.40	4.75	1615	A1	1 5/8	2 1/2	—	1 1/2	—	8.0
5 B 46 TB1615	4.20	4.60	4.95	1615	A1	1 5/8	2 1/2	—	1 1/2	—	9.0
5 B 50 TB2517	4.60	5.00	5.35	2517	A1	2 1/2	2 1/4	—	1 3/4	—	10.5
5 B 52 TB2517	4.80	5.20	5.55	2517	A1	2 1/2	2 1/4	—	1 3/4	—	11.3
5 B 54 TB2517	5.00	5.40	5.75	2517	A1	2 1/2	2 1/4	—	1 3/4	—	11.5
5 B 56 TB2517	5.20	5.60	5.95	2517	A1	2 1/2	2 1/4	—	1 3/4	—	12.0
5 B 60 TB2517	5.60	6.00	6.35	2517	A1	2 1/2	2 1/4	—	1 3/4	—	14.0
5 B 64 TB2517	6.00	6.40	6.75	2517	A1	2 1/2	2 1/4	—	1 3/4	—	16.0
5 B 68 TB2517	6.40	6.80	7.15	2517	A1	2 1/2	2 1/4	—	1 3/4	—	18.0
5 B 74 TB2517	7.00	7.40	7.75	2517	A1	2 1/2	2 1/4	—	1 3/4	—	22.0
5 B 86 TB2517	8.20	8.60	8.95	2517	A2	2 1/2	2 1/4	4 3/4	1 3/4	—	24.0
5 B 94 TB2517	9.00	9.40	9.75	2517	A2	2 1/2	2 1/4	4 3/4	1 3/4	—	26.0
5 B 110 TB2517	10.60	11.00	11.35	2517	A2	2 1/2	2 1/4	4 3/4	1 3/4	—	35.0
5 B 124 TB2517	12.00	12.40	12.75	2517	A3	2 1/2	3/4	4 3/4	1 3/4	1 1/2	40.0
5 B 154 TB2517	15.00	15.40	15.75	2517	A3	2 1/2	3/4	4 3/4	1 3/4	1 1/2	47.0
5 B 184 TB2517	18.00	18.40	18.75	2517	A3	2 1/2	3/4	4 3/4	1 3/4	1 1/2	52.0
5 B 200 TB3030	19.60	20.00	20.35	3030	A3	3	1/4	5 11/16	3	3/4	75.0
5 B 250 TB3030	24.60	25.00	25.35	3030	A3	3	1/4	5 11/16	3	3/4	81.0
5 B 300 TB3030	29.60	30.00	30.35	3030	A3	3	1/4	5 11/16	3	3/4	109
5 B 380 TB3030	37.60	38.00	38.35	3030	A3	3	1/4	5 11/16	3	3/4	158

BTL-Bushing Standard Bore

Bushing	Bore Range	
	Min	Max
1210	1/2	1 1/4
1610,1615	1/2	1 5/8
2517	1/2	2 1/2
3020,3030	7/8	3"

Standard Keyseats

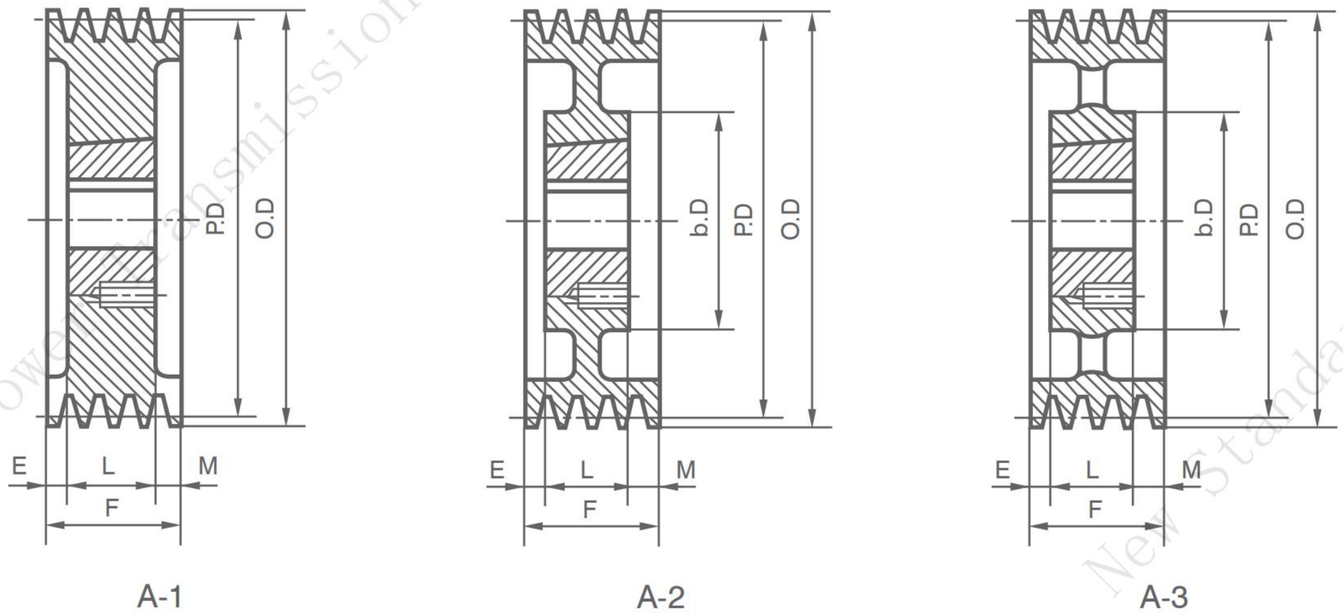
Bore Range	Keyseat	Bore Range	Keyseat
1/2-9/16	1/8x1/16	1 7/16-1 3/4	3/8x3/16
5/8-7/8	3/16x3/32	1 13/16-2 1/4	1/2x1/4
15/16-1 1/4	1/4x1/8	2 5/16-2 3/4	5/8x5/16
15/16-1 3/8	5/16x5/32	2 13/16-3 1/4	3/4x3/8

TB Taper Bore V-pulleys

Cast Iron Sheaves

A/B-C-D

BTL



A/B-6

F=4 3/4" (120.65mm)

SHEAVE	P.D			O.D	Bush	Bush Max. Bore	TYPE	E	Db	L	WT LESS Bush
	A Belt	B Belt									
6 B 42 TB1615	3.80	4.20	4.55	1615	A1	1 5/8	3 1/4	—	1 1/2	—	8.0
6 B 44 TB1615	4.00	4.40	4.75	1615	A1	1 5/8	3 1/4	—	1 1/2	—	9.0
6 B 46 TB1615	4.20	4.60	4.95	1615	A1	1 5/8	3 1/4	—	1 1/2	—	10.0
6 B 50 TB2517	4.60	5.00	5.35	2517	A1	2 1/2	3	—	1 3/4	—	11.9
6 B 52 TB2517	4.80	5.20	5.55	2517	A1	2 1/2	3	—	1 3/4	—	12.8
6 B 54 TB2517	5.00	5.40	5.75	2517	A1	2 1/2	3	—	1 3/4	—	13.7
6 B 56 TB2517	5.20	5.60	5.95	2517	A1	2 1/2	3	—	1 3/4	—	14.6
6 B 60 TB2517	5.60	6.00	6.35	2517	A1	2 1/2	3	—	1 3/4	—	16.0
6 B 64 TB2517	6.00	6.40	6.75	2517	A1	2 1/2	3	—	1 3/4	—	19.5
6 B 68 TB2517	6.40	6.80	7.15	2517	A1	2 1/2	3	—	1 3/4	—	21.0
6 B 74 TB2517	7.00	7.40	7.75	2517	A1	2 1/2	3	—	1 3/4	—	25.0
6 B 86 TB2517	8.20	8.60	8.95	2517	A2	2 1/2	3	4 3/4	1 3/4	—	27.0
6 B 94 TB2517	9.00	9.40	9.75	2517	A2	2 1/2	3	4 3/4	1 3/4	—	28.0
6 B 110 TB2517	10.60	11.00	11.35	2517	A2	2 1/2	3	4 3/4	1 3/4	—	34.0
6 B 124 TB2517	12.00	12.40	12.75	2517	A3	2 1/2	1 1/8	4 3/4	1 3/4	1 7/8	43.0
6 B 154 TB2517	15.00	15.40	15.75	2517	A3	2 1/2	1 1/2	4 3/4	1 3/4	1 1/2	52.0
6 B 184 TB2517	18.00	18.40	18.75	2517	A3	2 1/2	1 1/2	4 3/4	1 3/4	1 1/2	62.0
6 B 200 TB3030	19.60	20.00	20.35	3030	A3	3	1/2	5 11/16	3	1 1/4	85.0
6 B 250 TB3030	24.60	25.00	25.35	3030	A3	3	1/2	5 11/16	3	1 1/4	100
6 B 300 TB3030	29.60	30.00	30.35	3030	A3	3	1/2	5 11/16	3	1 1/4	137
6 B 380 TB3030	37.60	38.00	38.35	3030	A3	3	1/2	5 11/16	3	1 1/4	168



BTL-Bushing Standard Bore

Bushing	Bore Range	
	Min	Max
1615	1/2	1 5/8
2517	1/2	2 1/2
3030	7/8	3"

Standard Keyseats

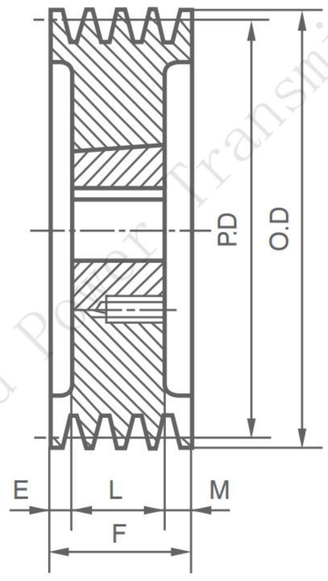
Bore Range	Keyseat	Bore Range	Keyseat
1/2-9/16	1/8x1/16	1 7/16-1 3/4	3/8x3/16
5/8-7/8	3/16x3/32	1 13/16-2 1/4	1/2x1/4
15/16-1 1/4	1/4x1/8	2 5/16-2 3/4	5/8x5/16
15/16-1 3/8	5/16x5/32	2 13/16-3 1/4	3/4x3/8

TB Taper Bore V-pulleys

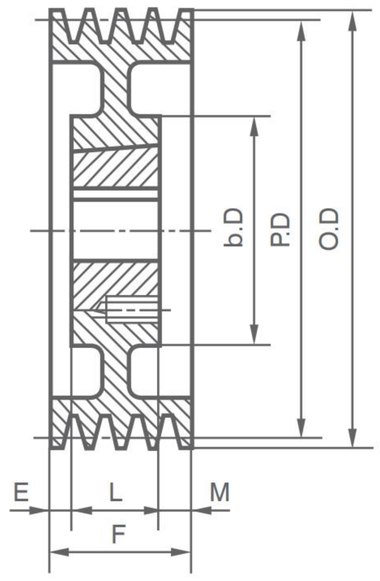
Cast Iron Sheaves

A/B-C-D

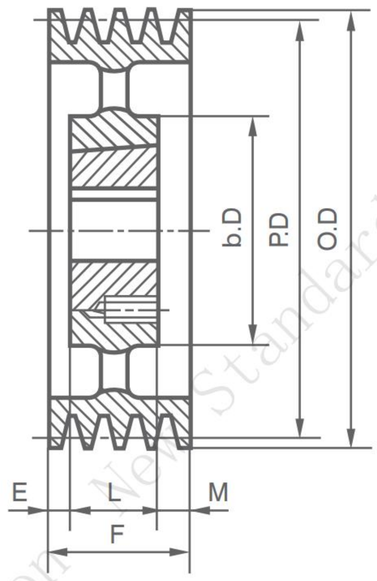
BTL



A-1



A-2



A-3

A/B-8

F=6 1/4" (158.75mm)

SHEAVE	P.D			O.D	Bush	Bush Max. Bore	TYPE	E	bD	L	WT LESS Bush
	A Belte	B Belte									
8 B 54 TB2517	5.00	5.40	5.75	2517	A1	2 1/2	1 7/8	—	1 3/4	2 5/8	16
8 B 56 TB2517	5.20	5.60	5.95	2517	A1	2 1/2	1 7/8	—	1 3/4	2 5/8	17
8 B 60 TB2517	5.60	6.00	6.35	2517	A1	2 1/2	1 7/8	—	1 3/4	2 5/8	19
8 B 64 TB2517	6.00	6.40	6.75	2517	A1	2 1/2	1 7/8	—	1 3/4	2 5/8	21
8 B 68 TB2517	6.40	6.80	7.15	2517	A1	2 1/2	1 7/8	—	1 3/4	2 5/8	25
8 B 74 TB2517	7.00	7.40	7.75	2517	A1	2 1/2	1 7/8	—	1 3/4	2 5/8	29
8 B 86 TB3030	8.20	8.60	8.95	3030	A1	3	1	—	3	2 1/4	37
8 B 94 TB3030	9.00	9.40	9.75	3030	A2	3	1	5 11/16	3	2 1/4	41
8 B 110 TB3030	10.60	11.00	11.35	3030	A2	3	1	5 11/16	3	2 1/4	51
8 B 124 TB3030	12.00	12.40	12.75	3030	A3	3	1	5 11/16	3	2 1/4	56
8 B 154 TB3030	15.00	15.40	15.75	3030	A3	3	1	5 11/16	3	2 1/4	69
8 B 184 TB3030	18.00	18.40	18.75	3030	A3	3	1	5 11/16	3	2 1/4	99
8 B 200 TB3030	19.60	20.00	20.35	3030	A3	3	1	5 11/16	3	2 1/4	115
8 B 250 TB3535	24.60	25.00	25.35	3535	A3	3 1/2	3/4	6 1/2	3 1/2	2	145
8 B 300 TB3535	29.60	30.00	30.35	3535	A3	3 1/2	3/4	6 1/2	3 1/2	2	170
8 B 380 TB4040	37.60	38.00	38.35	4040	A3	4	1 1/8	7 3/16	4	1 1/8	260

A/B-10

F=7 3/4" (196.85mm)

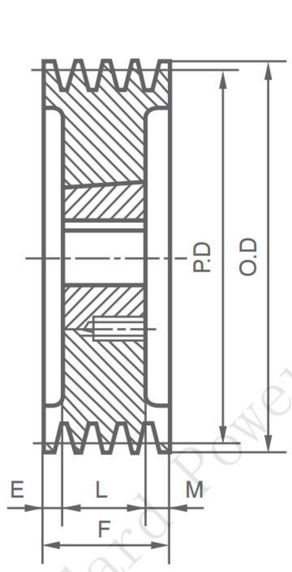
SHEAVE	P.D			O.D	Bush	Bush Max. Bore	TYPE	E	bD	L	WT LESS Bush
	A Belte	B Belte									
10 B 54 TB2517	5.00	5.40	5.75	2517	A1	2 1/2	3	—	1 3/4	3	18
10 B 56 TB2517	5.20	5.60	5.95	2517	A1	2 1/2	3	—	1 3/4	3	20
10 B 60 TB2517	5.60	6.00	6.35	2517	A1	2 1/2	3	—	1 3/4	3	22
10 B 64 TB2517	6.00	6.40	6.75	2517	A1	2 1/2	3	—	1 3/4	3	25
10 B 68 TB2517	6.40	6.80	7.15	2517	A1	2 1/2	3	—	1 3/4	3	28
10 B 74 TB2517	7.00	7.40	7.75	2517	A1	2 1/2	3	—	1 3/4	3	35
10 B 86 TB3030	8.20	8.60	8.95	3030	A1	3	2	—	3	2 3/4	43
10 B 94 TB3030	9.00	9.40	9.75	3030	A2	3	2	5 11/16	3	2 3/4	46
10 B 110 TB3030	10.60	11.00	11.35	3030	A2	3	2	5 11/16	3	2 3/4	52

Taper Bore V-pulleys

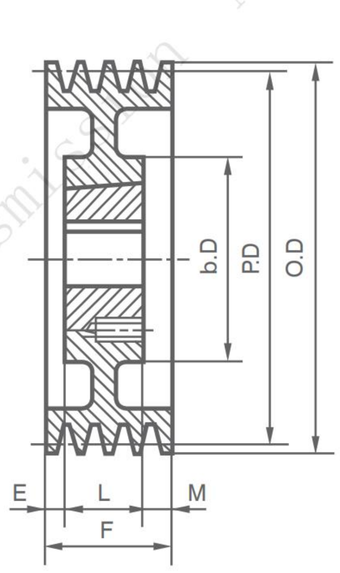
A/B-C-D

BTL

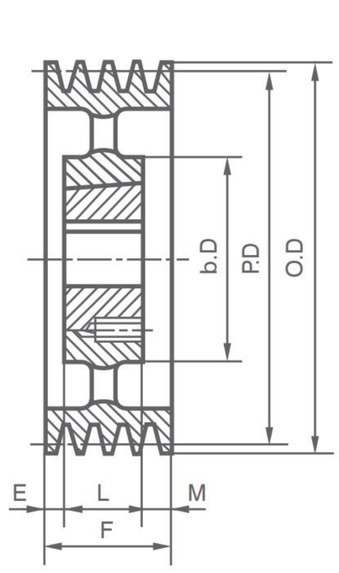
Cast Iron Sheaves



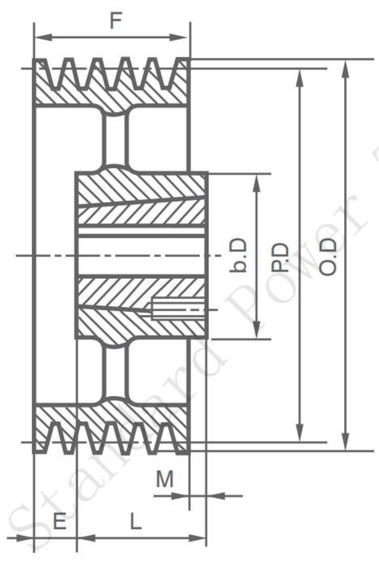
A-1



A-2



A-3



B-3

C-2

F=2 3/8" (60.33mm)

SHEAVE	P.D	O.D	BUSH Max Bore	BUSH	TYPE	bD	E	L	M	WT LESS BUSH
2 C 70 TB2517	7.00	7.40	2 1/2	2517	A1	—	5/8	1 3/4	—	15
2 C 75 TB2517	7.50	7.90	2 1/2	2517	A1	—	5/8	1 3/4	—	17
2 C 80 TB2517	8.00	8.40	2 1/2	2517	A1	—	5/8	1 3/4	—	20
2 C 85 TB2517	8.50	8.90	2 1/2	2517	A2	4 3/4	5/8	1 3/4	—	22
2 C 90 TB2517	9.00	9.40	2 1/2	2517	A2	4 3/4	5/8	1 3/4	—	23
2 C 95 TB2517	9.50	9.90	2 1/2	2517	A2	4 3/4	5/8	1 3/4	—	24
2 C 100 TB2517	10.00	10.40	2 1/2	2517	A2	4 3/4	5/8	1 3/4	—	25
2 C 105 TB2517	10.50	10.90	2 1/2	2517	A2	4 3/4	5/8	1 3/4	—	26
2 C 110 TB2517	11.00	11.40	2 1/2	2517	A2	4 3/4	5/8	1 3/4	—	27
2 C 120 TB2517	12.00	12.40	2 1/2	2517	A2	4 3/4	5/8	1 3/4	—	33
2 C 130 TB2517	13.00	13.40	2 1/2	2517	A3	4 3/4	5/8	1 3/4	—	35
2 C 140 TB2517	14.00	14.40	2 1/2	2517	A3	4 3/4	5/8	1 3/4	—	36
2 C 160 TB2517	16.00	16.40	2 1/2	2517	A3	4 3/4	5/8	1 3/4	—	42
2 C 180 TB3020	18.00	18.40	3	3020	A3	5 11/16	—	2	3/8	43
2 C 200 TB3020	20.00	20.40	3	3020	A3	5 11/16	—	2	3/8	45
2 C 240 TB3020	24.00	24.40	3	3020	A3	5 11/16	—	2	3/8	72

C-3

F=3 3/8" (85.73mm)

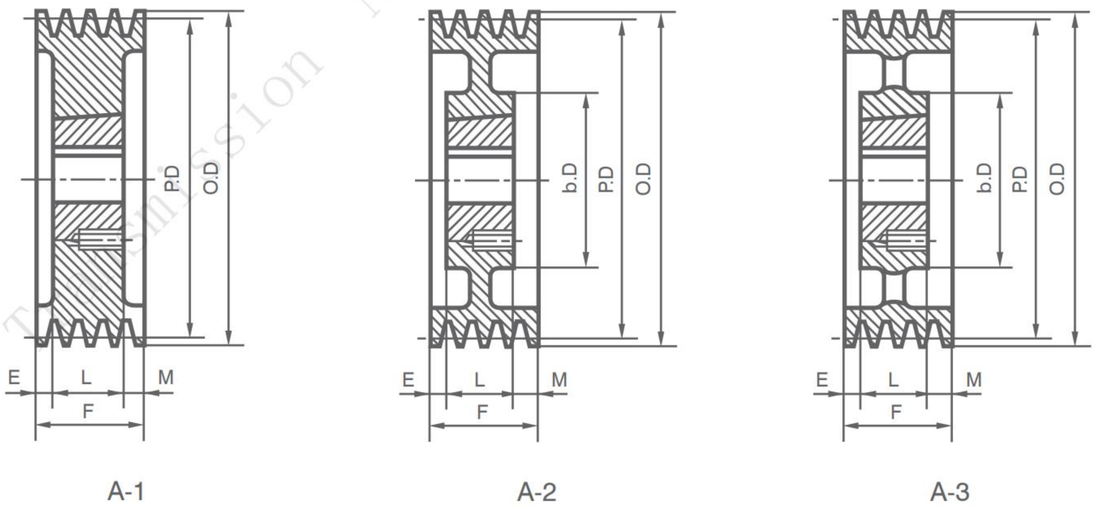
SHEAVE	P.D	O.D	BUSH Max Bore	BUSH	TYPE	bD	E	L	M	WT LESS BUSH
3 C 70 TB2517	7.00	7.40	2 1/2	2517	A1	—	1/4	1 3/4	1 3/8	18.0
3 C 75 TB2517	7.50	7.90	2 1/2	2517	A1	—	1/4	1 3/4	1 3/8	20.0
3 C 80 TB2517	8.00	8.40	2 1/2	2517	A1	—	1/4	1 3/4	1 3/8	22.0
3 C 85 TB2517	8.50	8.90	2 1/2	2517	A2	4 3/4	1/4	1 3/4	1 3/8	23.0
3 C 90 TB2517	9.00	9.40	2 1/2	2517	A2	4 3/4	1/4	1 3/4	1 3/8	24.0
3 C 95 TB2517	9.50	9.90	2 1/2	2517	A2	4 3/4	1/4	1 3/4	1 3/8	27.0
3 C 100 TB2517	10.00	10.40	2 1/2	2517	A2	4 3/4	1/4	1 3/4	1 3/8	29.0
3 C 105 TB2517	10.50	10.90	2 1/2	2517	A2	4 3/4	1/4	1 3/4	1 3/8	32.0
3 C 110 TB2517	11.00	11.40	2 1/2	2517	A2	4 3/4	1/4	1 3/4	1 3/8	35.0
3 C 120 TB3020	12.00	12.40	3	3020	A2	5 11/16	—	2	1 3/8	44.0
3 C 130 TB3020	13.00	13.40	3	3020	A3	5 11/16	—	2	1 3/8	49.0
3 C 140 TB3020	14.00	14.40	3	3020	A3	5 11/16	—	2	1 3/8	50.0
3 C 160 TB3020	16.00	16.40	3	3020	A3	5 11/16	—	2	1 3/8	64.0
3 C 180 TB3030	18.00	18.40	3	3030	A3	5 11/16	—	3	3/8	70.0
3 C 200 TB3030	20.00	20.40	3	3030	A3	5 11/16	—	3	3/8	78.0
3 C 240 TB3030	24.00	24.40	3	3030	A3	5 11/16	—	3	3/8	96.0
3 C 300 TB3535	30.00	30.40	3 1/2	3535	B3	6 1/2	—	3 1/2	1/8	125.0
3 C 360 TB3535	36.00	36.40	3 1/2	3535	B3	6 1/2	—	3 1/2	1/8	175.0

TB Taper Bore V-pulleys

Cast Iron Sheaves

A/B-C-D

BTL



A-1 A-2 A-3

C-4

F=4 3/8" (111.13mm)

SHEAVE	P.D	O.D	BUSH Max Bore	BUSH	TYPE	Db	E	L	M	WT LESS BUSH
4 C 70 TB2517	7.00	7.40	2 1/2	2517	A1	—	1/2	1 3/4	2 1/8	20
4 C 75 TB2517	7.50	7.90	2 1/2	2517	A1	—	1/2	1 3/4	2 1/8	23
4 C 80 TB2517	8.00	8.40	2 1/2	2517	A1	—	1/2	1 3/4	2 1/8	25
4 C 85 TB2517	8.50	8.90	2 1/2	2517	A2	4 3/4	1/2	1 3/4	2 1/8	26
4 C 90 TB2517	9.00	9.40	2 1/2	2517	A2	4 3/4	1/2	1 3/4	2 1/8	27
4 C 95 TB2517	9.50	9.90	2 1/2	2517	A2	4 3/4	1/2	1 3/4	2 1/8	36
4 C 100 TB2517	10.00	10.40	2 1/2	2517	A2	4 3/4	1/2	1 3/4	2 1/8	39
4 C 105 TB2517	10.50	10.90	2 1/2	2517	A2	4 3/4	1/2	1 3/4	2 1/8	42
4 C 110 TB2517	11.00	11.40	2 1/2	2517	A2	4 3/4	1/2	1 3/4	2 1/8	45
4 C 120 TB2517	12.00	12.40	2 1/2	2517	A2	4 3/4	1/2	1 3/4	2 1/8	47
4 C 130 TB3030	13.00	13.40	3	3030	A3	5 11/16	—	3	1 3/8	51
4 C 140 TB3030	14.00	14.40	3	3030	A3	5 11/16	—	3	1 3/8	54
4 C 160 TB3030	16.00	16.40	3	3030	A3	5 11/16	—	3	1 3/8	71
4 C 180 TB3030	18.00	18.40	3	3030	A3	5 11/16	—	3	1 3/8	81
4 C 200 TB3030	20.00	20.40	3	3030	A3	5 11/16	—	3	1 3/8	94
4 C 240 TB3030	24.00	24.40	3	3030	A3	5 11/16	—	3	1 3/8	116
4 C 300 TB3535	30.00	30.40	3 1/2	3535	A3	6 1/2	—	3 1/2	7/8	164
4 C 360 TB3535	36.00	36.40	3 1/2	3535	A3	6 1/2	—	3 1/2	7/8	192
4 C 440 TB4040	44.00	44.40	4	4040	A3	7 3/16	—	4	3/8	282

C-5

F=5 3/8" (136.53mm)

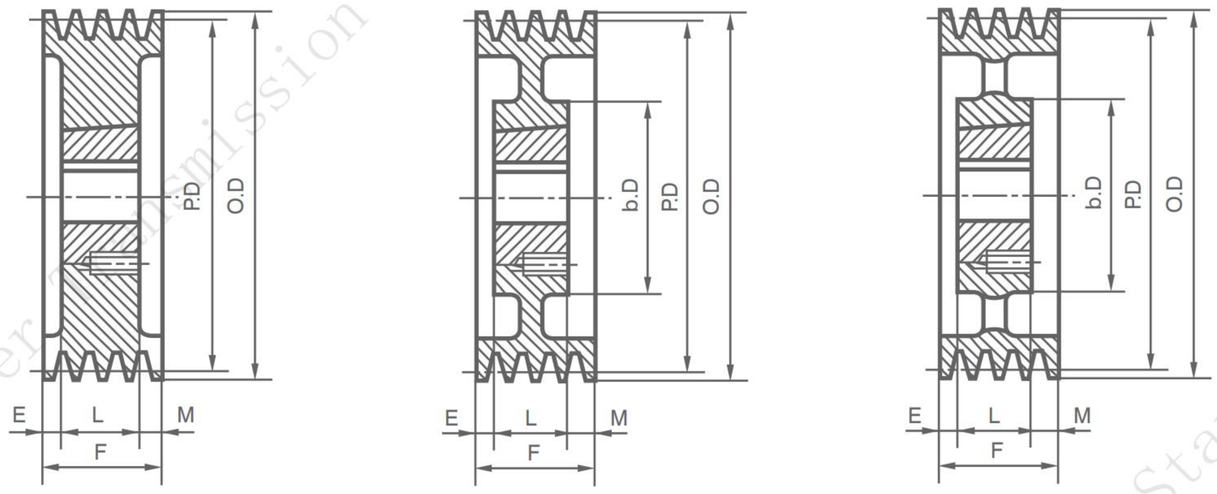
SHEAVE	P.D	O.D	BUSH Max Bore	BUSH	TYPE	Db	E	L	M	WT LESS BUSH
5 C 70 TB2517	7.00	7.40	2 1/2	2517	A1	—	1 1/2	1 3/4	2 1/8	23
5 C 75 TB2517	7.50	7.90	2 1/2	2517	A1	—	1 1/2	1 3/4	2 1/8	26
5 C 80 TB2517	8.00	8.40	2 1/2	2517	A1	—	1 1/2	1 3/4	2 1/8	30
5 C 85 TB2517	8.50	8.90	2 1/2	2517	A1	—	1 1/2	1 3/4	2 1/8	34
5 C 90 TB2517	9.00	9.40	2 1/2	2517	A2	4 3/4	1 1/2	1 3/4	2 1/8	35
5 C 95 TB2517	9.50	9.90	2 1/2	2517	A2	4 3/4	1 1/2	1 3/4	2 1/8	36
5 C 100 TB2517	10.00	10.40	2 1/2	2517	A2	4 3/4	1 1/2	1 3/4	2 1/8	39
5 C 105 TB2517	10.50	10.90	2 1/2	2517	A2	4 3/4	1 1/2	1 3/4	2 1/8	42
5 C 110 TB2517	11.00	11.40	2 1/2	2517	A2	4 3/4	1 1/2	1 3/4	2 1/8	43
5 C 120 TB3030	12.00	12.40	3	3030	A2	5 11/16	1/2	3	1 7/8	58
5 C 130 TB3030	13.00	13.40	3	3030	A3	5 11/16	1/2	3	1 7/8	63
5 C 140 TB3030	14.00	14.40	3	3030	A3	5 11/16	1/2	3	1 7/8	65
5 C 160 TB3030	16.00	16.40	3	3030	A3	5 11/16	1/2	3	1 7/8	70
5 C 180 TB3030	18.00	18.40	3	3030	A3	5 11/16	1/2	3	1 7/8	83
5 C 200 TB3535	20.00	20.40	3 1/2	3535	A3	6 1/2	—	3 1/2	1 7/8	110
5 C 240 TB3535	24.00	24.40	3 1/2	3535	A3	6 1/2	—	3 1/2	1 7/8	138
5 C 300 TB3535	30.00	30.40	3 1/2	3535	A3	6 1/2	—	3 1/2	1 7/8	176
5 C 360 TB4040	36.00	36.40	4	4040	A3	7 3/16	1/4	4	1 1/8	244
5 C 440 TB4040	44.00	44.40	4	4040	A3	7 3/16	1/4	4	1 1/8	288

TB Taper Bore V-pulleys

Cast Iron Sheaves

A/B-C-D

BTL



A-1 A-2 A-3

C-6

F=6 3/8" (161.93mm)

SHEAVE	P.D	O.D	BUSH Max Bore	BUSH	TYPE	bD	E	L	M	WT LESS BUSH
6 C 70 TB3030	7.00	7.40	3	3030	A1	—	1	3	2 3/8	30
6 C 75 TB3030	7.50	7.90	3	3030	A1	—	1	3	2 3/8	31
6 C 80 TB3030	8.00	8.40	3	3030	A1	—	1	3	2 3/8	35
6 C 85 TB3030	8.50	8.90	3	3030	A1	—	1	3	2 3/8	40
6 C 90 TB3030	9.00	9.40	3	3030	A1	—	1	3	2 3/8	47
6 C 95 TB3030	9.50	9.90	3	3030	A1	—	1	3	2 3/8	53
6 C 100 TB3030	10.00	10.40	3	3030	A1	—	1	3	2 3/8	57
6 C 105 TB3030	10.50	10.90	3	3030	A2	5 11/16	1	3	2 3/8	58
6 C 110 TB3030	11.00	11.40	3	3030	A2	5 11/16	1	3	2 3/8	66
6 C 120 TB3030	12.00	12.40	3	3030	A2	5 11/16	1	3	2 3/8	70
6 C 130 TB3030	13.00	13.40	3	3030	A3	5 11/16	1	3	2 3/8	75
6 C 140 TB3535	14.00	14.40	3 1/2	3535	A3	5 11/16	1/2	3 1/2	2 3/8	80
6 C 160 TB3535	16.00	16.40	3 1/2	3535	A3	6 1/2	1/2	3 1/2	2 3/8	87
6 C 180 TB3535	18.00	18.40	3 1/2	3535	A3	6 1/2	1/2	3 1/2	2 3/8	102
6 C 200 TB3535	20.00	20.40	3 1/2	3535	A3	6 1/2	1/2	3 1/2	2 3/8	126
6 C 240 TB3535	24.00	24.40	3 1/2	3535	A3	6 1/2	1/2	3 1/2	2 3/8	150
6 C 300 TB4040	30.00	30.40	4	4040	A3	7 3/16	1	4	1 3/8	226
6 C 360 TB4040	36.00	36.40	4	4040	A3	7 3/16	1	4	1 3/8	270
6 C 440 TB4040	44.00	44.40	4	4040	A3	7 3/16	1	4	1 3/8	320

C-8

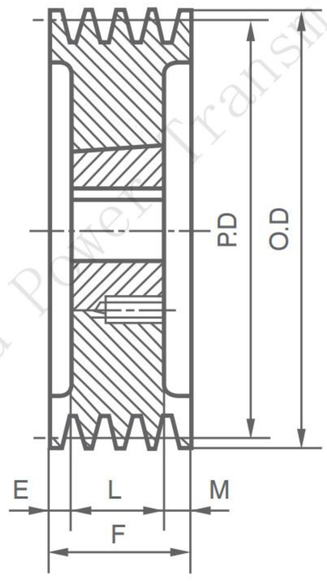
F=8 3/8" (212.73mm)

SHEAVE	P.D	O.D	BUSH Max Bore	BUSH	TYPE	bD	E	L	M	WT LESS BUSH
8 C 80 TB3030	8.00	8.40	3	3030	A1	—	2	3	3 3/8	45
8 C 85 TB3030	8.50	8.90	3	3030	A1	—	2	3	3 3/8	47
8 C 90 TB3535	9.00	9.40	3 1/2	3535	A1	—	1 1/2	3 1/2	3 3/8	64
8 C 95 TB3535	9.50	9.90	3 1/2	3535	A1	—	1 1/2	3 1/2	3 3/8	67
8 C 100 TB3535	10.00	10.40	3 1/2	3535	A1	—	1 1/2	3 1/2	3 3/8	70
8 C 105 TB3535	10.50	10.90	3 1/2	3535	A1	—	1 1/2	3 1/2	3 3/8	84
8 C 110 TB3535	11.00	11.40	3 1/2	3535	A1	—	1 1/2	3 1/2	3 3/8	87
8 C 120 TB3535	12.00	12.40	3 1/2	3535	A2	6 1/2	1 1/2	3 1/2	3 3/8	90
8 C 130 TB3535	13.00	13.40	3 1/2	3535	A2	6 1/2	1 1/2	3 1/2	3 3/8	97
8 C 140 TB3535	14.00	14.40	3 1/2	3535	A2	6 1/2	1 1/2	3 1/2	3 3/8	105
8 C 160 TB3535	16.00	16.40	3 1/2	3535	A3	6 1/2	1 1/2	3 1/2	3 3/8	115
8 C 180 TB4040	18.00	18.40	4	4040	A3	7 3/16	1 1/2	4	2 7/8	137
8 C 200 TB4040	20.00	20.40	4	4040	A3	7 3/16	1 1/2	4	2 7/8	180
8 C 240 TB4040	24.00	24.40	4	4040	A3	7 3/16	1 1/2	4	2 7/8	205
8 C 300 TB4040	30.00	30.40	4	4040	A3	7 3/16	1 1/2	4	2 7/8	263
8 C 360 TB4545	36.00	36.40	4 1/2	4545	A3	8 7/16	1 1/4	4 1/2	2 5/8	343
8 C 440 TB4545	44.00	44.40	4 1/2	4545	A3	8 7/16	1 1/4	4 1/2	2 5/8	432

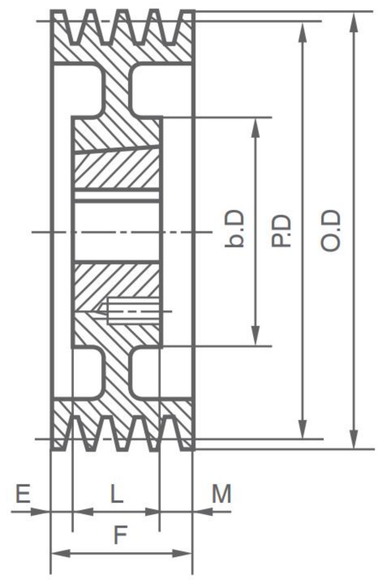
Taper Bore V-pulleys

A/B-C-D

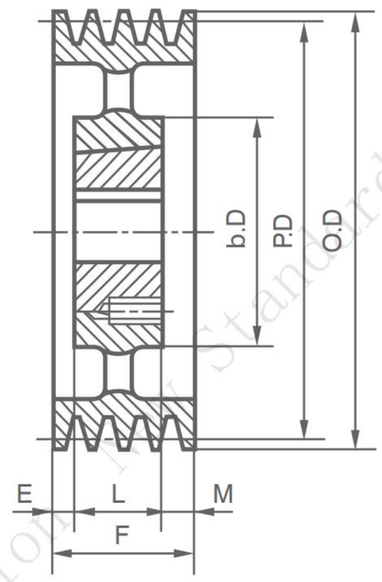
Cast Iron Sheaves BTL



A-1



A-2



A-3

C-10

F=10 3/8" (263.53mm)

SHEAVE	P.D	O.D	BUSH Max Bore	BUSH	TYPE	bD	E	L	M	WT LESS BUSH
10 C 90 TB4040	9.00	9.40	4	4040	A1	—	2	4	4 3/8	57
10 C 95 TB4040	9.50	9.90	4	4040	A1	—	2	4	4 3/8	66
10 C 100 TB4040	10.00	10.40	4	4040	A1	—	2	4	4 3/8	77
10 C 105 TB4040	10.50	10.90	4	4040	A1	—	2	4	4 3/8	87
10 C 110 TB4040	11.00	11.40	4	4040	A1	—	2	4	4 3/8	98
10 C 120 TB4040	12.00	12.40	4	4040	A1	—	2	4	4 3/8	121
10 C 130 TB4545	13.00	13.40	4 1/2	4545	A1	—	2	4 1/2	3 7/8	146
10 C 140 TB4545	14.00	14.40	4 1/2	4545	A2	—	2	4 1/2	3 7/8	173
10 C 160 TB4545	16.00	16.40	4 1/2	4545	A2	8 7/16	2	4 1/2	3 7/8	233
10 C 180 TB4545	18.00	18.40	4 1/2	4545	A2	8 7/16	2	4 1/2	3 7/8	276
10 C 200 TB4545	20.00	20.40	4 1/2	4545	A3	8 7/16	2	4 1/2	3 7/8	201
10 C 240 TB4545	24.00	24.40	4 1/2	4545	A3	8 7/16	2	4 1/2	3 7/8	243
10 C 300 TB4545	30.00	30.40	4 1/2	4545	A3	8 7/16	2	4 1/2	3 7/8	320
10 C 360 TB4545	36.00	36.40	4 1/2	4545	A3	8 7/16	2	4 1/2	3 7/8	464
10 C 440 TB4545	44.00	44.40	4 1/2	4545	A3	8 7/16	2	4 1/2	3 7/8	508

C-12

F=12 3/8" (314.33mm)

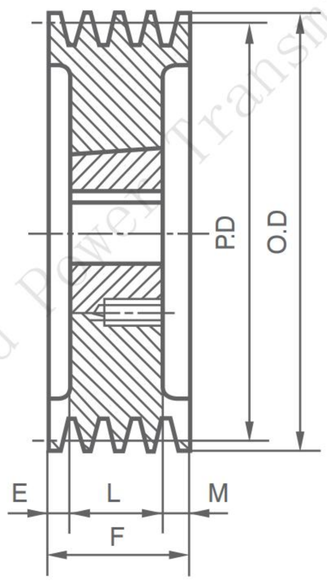
SHEAVE	P.D	O.D	BUSH Max Bore	BUSH	TYPE	Db	E	L	M	WT LESS BUSH
12 C 90 TB4040	9.00	9.40	4	4040	A1	—	3 1/2	4	4 7/8	65
12 C 95 TB4040	9.50	9.90	4	4040	A1	—	3 1/2	4	4 7/8	75
12 C 100 TB4040	10.00	10.40	4	4040	A1	—	3 1/2	4	4 7/8	85
12 C 105 TB4040	10.50	10.90	4	4040	A1	—	3 1/2	4	4 7/8	95
12 C 110 TB4040	11.00	11.40	4	4040	A1	—	3 1/2	4	4 7/8	104
12 C 120 TB4040	12.00	12.40	4	4040	A1	—	3 1/2	4	4 7/8	126
12 C 130 TB4545	13.00	13.40	4 1/2	4545	A1	—	3	4 1/2	4 7/8	156
12 C 140 TB4545	14.00	14.40	4 1/2	4545	A1	—	3	4 1/2	4 7/8	184

TB Taper Bore V-pulleys

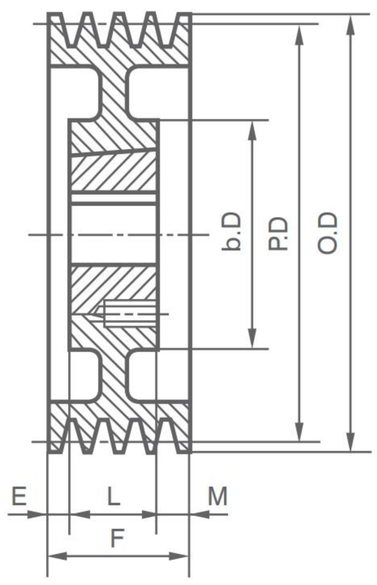
Cast Iron Sheaves

A/B-C-D

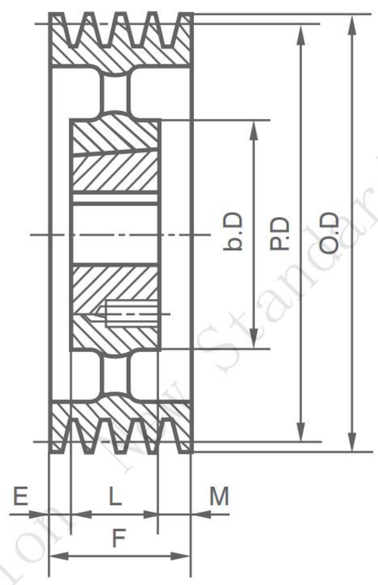
BTL



A-1



A-2



A-3

D-4

F=6 1/16" (153.99mm)

SHEAVE	P.D	O.D	BUSH Max Bore	BUSH	TYPE	bD	E	L	M	WT LESS BUSH
4 D 120 TB3535	12.00	12.60	3 1/2	3535	A2	6 1/2	3/4	3 1/2	1 13/16	63
4 D 130 TB3535	13.00	13.60	3 1/2	3535	A2	6 1/2	3/4	3 1/2	1 13/16	73
4 D 135 TB3535	13.50	14.10	3 1/2	3535	A2	6 1/2	3/4	3 1/2	1 13/16	78
4 D 140 TB3535	14.00	14.60	3 1/2	3535	A2	6 1/2	3/4	3 1/2	1 13/16	83
4 D 145 TB3535	14.50	15.10	3 1/2	3535	A2	6 1/2	3/4	3 1/2	1 13/16	94
4 D 150 TB3535	15.00	15.60	3 1/2	3535	A2	6 1/2	3/4	3 1/2	1 13/16	97
4 D 155 TB3535	15.50	16.10	3 1/2	3535	A2	6 1/2	3/4	3 1/2	1 13/16	99
4 D 160 TB3535	16.00	16.60	3 1/2	3535	A2	6 1/2	3/4	3 1/2	1 13/16	104
4 D 180 TB3535	18.00	18.60	3 1/2	3535	A3	6 1/2	3/4	3 1/2	1 13/16	109
4 D 220 TB4040	22.00	22.60	4	4040	A3	7 3/16	3/4	1/4	15/16	142
4 D 270 TB4040	27.00	27.60	4	4040	A3	7 3/16	3/4	1/4	15/16	182

D-5

F=7 1/2" (190.50mm)

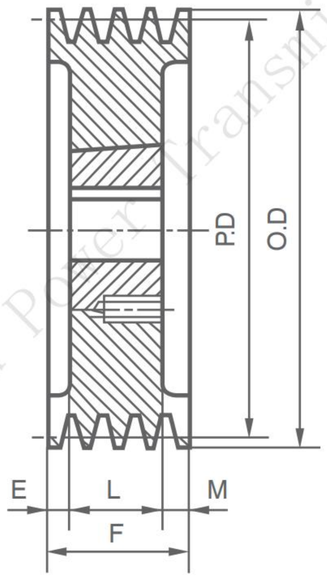
SHEAVE	P.D	O.D	BUSH Max Bore	BUSH	TYPE	bD	E	L	M	WT LESS BUSH
5 D 120 TB4040	12.00	12.60	4	4040	A1	—	3/4	4	2 3/4	82
5 D 130 TB4040	13.00	13.60	4	4040	A2	7 3/16	3/4	4	2 3/4	87
5 D 135 TB4040	13.50	14.10	4	4040	A2	7 3/16	3/4	4	2 3/4	92
5 D 140 TB4040	14.00	14.60	4	4040	A2	7 3/16	3/4	4	2 3/4	97
5 D 145 TB4040	14.50	15.10	4	4040	A2	7 3/16	3/4	4	2 3/4	102
5 D 150 TB4040	15.00	15.60	4	4040	A2	7 3/16	3/4	4	2 3/4	107
5 D 155 TB4040	15.50	16.10	4	4040	A2	7 3/16	3/4	4	2 3/4	112
5 D 160 TB4040	16.00	16.60	4	4040	A2	7 3/16	3/4	4	2 3/4	122
5 D 180 TB4040	18.00	18.60	4	4040	A3	7 3/16	1	4	2 1/2	132
5 D 220 TB4040	22.00	22.60	4	4040	A3	7 3/16	1	4	2 1/2	162
5 D 270 TB4040	27.00	27.60	4	4040	A3	7 3/16	1	4	2 1/2	207

Taper Bore V-pulleys

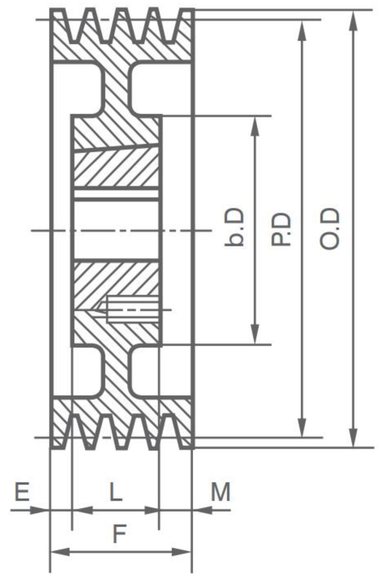
Cast Iron Sheaves

A/B-C-D

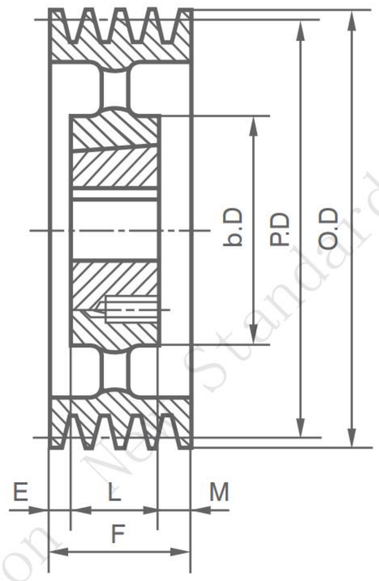
BTL



A-1



A-2



A-3

D-6

F=8 15/16" (227.01mm)

SHEAVE	P.D	O.D	BUSH Max Bore	BUSH	TYPE	Db	E	L	M	WT LESS BUSH
6 D 120 TB4040	12.00	12.60	4	4040	A1	—	1	4	3 15/16	100
6 D 130 TB4040	13.00	13.60	4	4040	A2	7 3/16	1 1/2	4	3 7/16	105
6 D 135 TB4040	13.50	14.10	4	4040	A2	7 3/16	1 1/2	4	3 7/16	107
6 D 140 TB4040	14.00	14.60	4	4040	A2	7 3/16	1 1/2	4	3 7/16	112
6 D 145 TB4040	14.50	15.10	4	4040	A2	7 3/16	1 1/2	4	3 7/16	117
6 D 150 TB4040	15.00	15.60	4	4040	A2	7 3/16	1 1/2	4	3 7/16	122
6 D 155 TB4040	15.50	16.10	4	4040	A2	7 3/16	1 1/2	4	3 7/16	127
6 D 160 TB4040	16.00	16.60	4	4040	A2	7 3/16	1 1/2	4	3 7/16	175
6 D 180 TB4040	18.00	18.60	4	4040	A2	7 3/16	1 1/2	4	3 7/16	185
6 D 220 TB4040	22.00	22.60	4	4040	A3	7 3/16	1 1/2	4	3 7/16	210
6 D 270 TB4545	27.00	27.60	4 1/2	4545	A3	8 7/16	1 3/4	4 1/2	2 11/16	260
6 D 330 TB4545	33.00	33.60	4 1/2	4545	A3	8 7/16	1 3/4	4 1/2	2 11/16	340

D-8

F=11 13/16" (300.04mm)

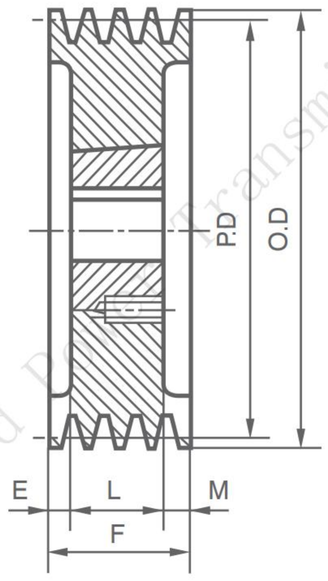
SHEAVE	P.D	O.D	BUSH Max Bore	BUSH	TYPE	Db	E	L	M	WT LESS BUSH
8 D 120 TB4545	12.00	12.60	4 1/2	4545	A1	—	1/2	4 1/2	6 13/16	125
8 D 130 TB4545	13.00	13.60	4 1/2	4545	A1	—	1/2	4 1/2	6 13/16	155
8 D 135 TB4545	13.50	14.10	4 1/2	4545	A2	8 7/16	1	4 1/2	6 5/16	150
8 D 140 TB4545	14.00	14.60	4 1/2	4545	A2	8 7/16	1	4 1/2	6 5/16	155
8 D 145 TB4545	14.50	15.10	4 1/2	4545	A2	8 7/16	2	4 1/2	5 5/16	162
8 D 150 TB4545	15.00	15.60	4 1/2	4545	A2	8 7/16	2	4 1/2	5 5/16	170
8 D 155 TB4545	15.50	16.10	4 1/2	4545	A2	8 7/16	2	4 1/2	5 5/16	182
8 D 160 TB4545	16.00	16.60	4 1/2	4545	A2	8 7/16	2	4 1/2	5 5/16	195
8 D 180 TB4545	18.00	18.60	4 1/2	4545	A2	8 7/16	2 3/4	4 1/2	4 9/16	220
8 D 220 TB4545	22.00	22.60	4 1/2	4545	A3	8 7/16	2 3/4	4 1/2	4 9/16	275
8 D 270 TB4545	27.00	27.60	4 1/2	4545	A3	8 7/16	2 3/4	4 1/2	4 9/16	345
8 D 330 TB4545	33.00	33.60	4 1/2	4545	A3	8 7/16	2 3/4	4 1/2	4 9/16	455

Taper Bore V-pulleys

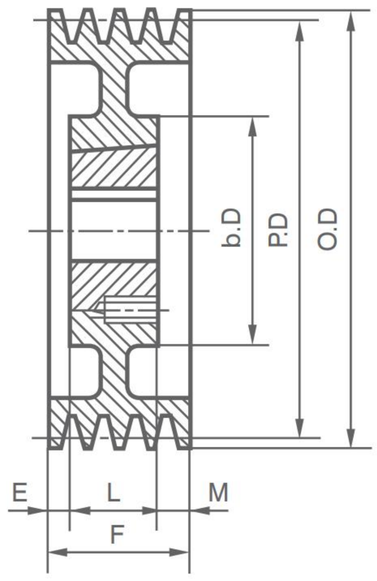
Cast Iron Sheaves

A/B-C-D

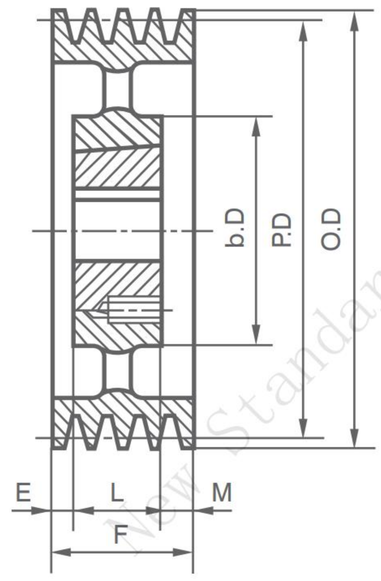
BTL



A-1



A-2



A-3

D-10

F=14 11/16" (373.06mm)

SHEAVE	P.D	O.D	BUSH Max Bore	BUSH	TYPE	bD	E	L	M	WT LESS BUSH
10 D 120 TB4545	12.00	12.60	4 1/2	4545	A1	—	2 3/8	4 1/2	7 13/16	140
10 D 130 TB4545	13.00	13.60	4 1/2	4545	A1	—	2 3/8	4 1/2	7 13/16	170
10 D 135 TB4545	13.50	14.10	4 1/2	4545	A2	8 7/16	2 3/8	4 1/2	7 13/16	172
10 D 140 TB4545	14.00	14.60	4 1/2	4545	A2	8 7/16	2 3/8	4 1/2	7 13/16	175
10 D 145 TB4545	14.50	15.10	4 1/2	4545	A2	8 7/16	2 3/8	4 1/2	7 13/16	180
10 D 150 TB4545	15.00	15.60	4 1/2	4545	A2	8 7/16	2 3/8	4 1/2	7 13/16	185
10 D 155 TB4545	15.50	16.10	4 1/2	4545	A2	8 7/16	2 3/8	4 1/2	7 13/16	195
10 D 160 TB4545	16.00	16.60	4 1/2	4545	A2	8 7/16	2 3/8	4 1/2	7 13/16	260
10 D 180 TB4545	18.00	18.60	4 1/2	4545	A2	8 7/16	4	4 1/2	6 3/16	295
10 D 220 TB4545	22.00	22.60	4 1/2	4545	A3	8 7/16	4	4 1/2	6 3/16	340
10 D 270 TB4545	27.00	27.60	4 1/2	4545	A3	8 7/16	4	4 1/2	6 3/16	415
10 D 330 TB4545	33.00	33.60	4 1/2	4545	A3	8 7/16	4 1/4	4 1/2	5 15/16	485



BTL-Bushing Standard Bore

Bushing	Bore Range	
	Min	Max
2517	1/2	2 1/2
3030	15/16	3
3535	1 3/16	3 1/2
4040	1 7/16	4
4545	1 15/16	4 1/2

Standard Keyseats

Bore Range	Keyseat	Bore Range	Keyseat
1/2-9/16	1/8x1/16	1 13/16-2 1/4	1/2x1/4
5/8-7/8	3/16x3/32	2 5/16-2 3/4	5/8x5/16
15/16-1 1/4	1/4x1/8	2 13/16-3 1/4	3/4x3/8
1 15/16-1 3/8	5/16x5/32	3 3/8-3 3/4	7/8x7/16
1 7/16-1 3/4	3/8x3/16	3 7/8-4 1/2	1x1/2