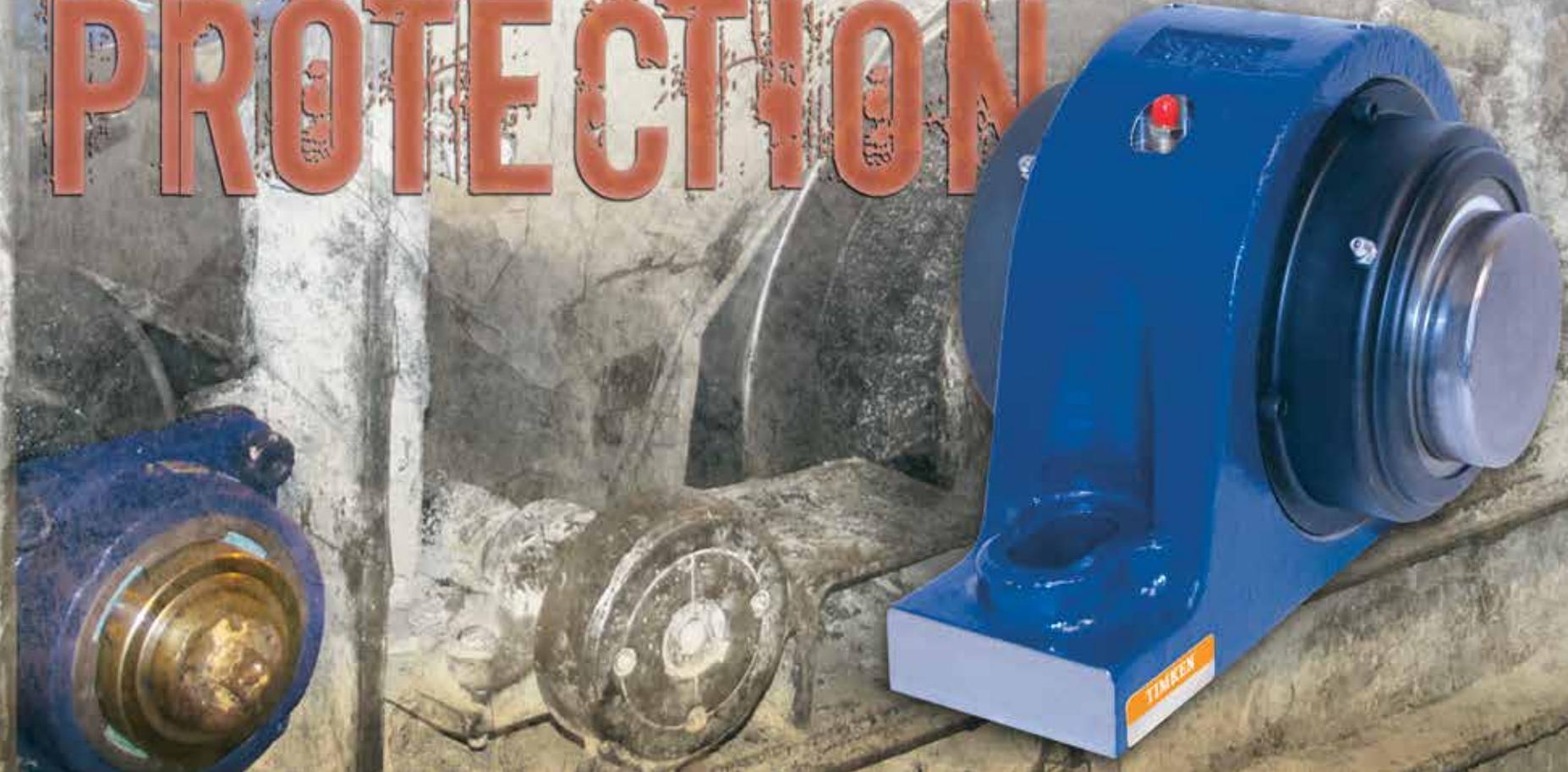


Timken® Spherical Roller Bearing  
Solid-Block Housed Unit  
Steel Auxiliary Covers

**TIMKEN**

**EVEN THE TOUGHEST  
BEARINGS NEED  
PROTECTION**



# STRONG COVER UP

Count on Timken's steel auxiliary covers to help keep your spherical roller bearing housed units performing, even in dirty situations. Timken's solid-block housed units provide rugged protection, but in some conditions, may need extra help sealing out troublesome contaminants.

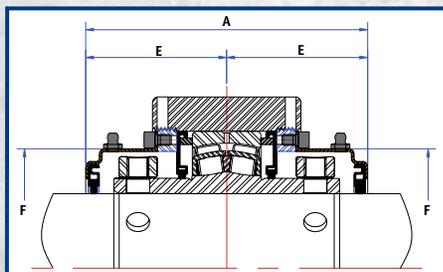
Used with primary seals and greases, these steel covers are designed to create formidable protection that helps keep your business moving ahead.

## HELP IMPROVE YOUR UPTIME WITH THIS UNIQUE COVER DESIGN

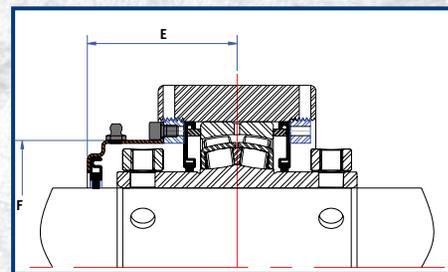
- Bolt covers directly onto spherical roller bearing solid-block housed units.
- Get excellent protection at high running speeds, while avoiding shaft damage, thanks to the DuPont™ Teflon® labyrinth seal on the open-ended covers.
- Choose whether to fill cover cavity with grease for an extra barrier of protection.
- Receive fast delivery due to our broad inventory.
- Remove covers easily for on-site inspection and replacement.

DuPont™ is a trademark of E.I. du Pont de Nemours and Company.  
Teflon® is a registered trademark of E.I. du Pont de Nemours and Company.

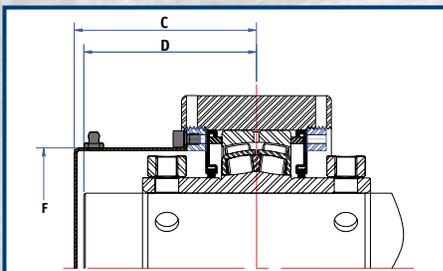
### DOUBLE OPEN-END COVER



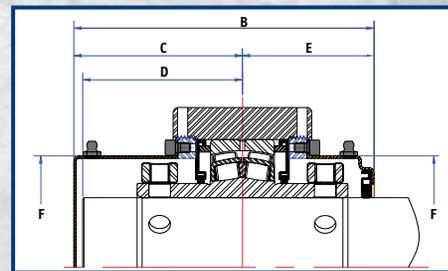
### SINGLE OPEN-END COVER



### SINGLE CLOSED-END COVER



### SINGLE CLOSED-END COVER AND SINGLE OPEN-END COVER<sup>(1)</sup>



<sup>(1)</sup> Double covers available only on pillow-block and take-up style bearings.



# COVERTAKE

## TIMKEN SOLID-BLOCK AUXILIARY COVERS FOR SOLID-BLOCK HOUSED UNITS

When you choose Timken® spherical roller bearing solid-block housed units, you're investing in products that are built to handle tough industrial jobs. If those jobs involve heavy contamination in industries where particulates are a problem, such as forestry, pulp and paper, aggregate and cement, consider extra-tough sealing solutions.

Timken's steel auxiliary covers definitely up the ante. Rugged and cost-effective, they help your equipment perform even better in these conditions.

### **EVEN THE TOUGHEST BEARINGS NEED PROTECTION**

Timken's auxiliary covers are made from steel designed to withstand harsh environments. Plus, they are treated with black oxide for additional corrosion protection. These covers offer sturdy sealing protection against particulate contamination and moisture, helping your bearings last longer.

Add up all the advantages of Timken steel auxiliary covers and you have an extra-strong sealing solution for your steel housed units.



# TIMKEN AUXILIARY COVERS ARE BUILT TO LAST

For tough jobs where Timken spherical roller bearing solid-block housed units have to operate in environments with high levels of particulate contamination, choose Timken Auxiliary Covers.

- Made from steel to withstand the toughest applications.
- Black-oxide treated for improved corrosion protection.
- Available in both open-ended and closed-ended designs for standard and custom configurations of Timken spherical roller bearing solid-block housed units.
- Standard products available for shaft sizes 1 <sup>7</sup>/<sub>16</sub> inches up to 7 inches (35 mm to 180 mm).

**ENJOY PEACE OF MIND WITH EXTRA PROTECTION FOR YOUR BEARINGS**

## TIMKEN STEEL AUXILIARY COVER DIMENSIONS

### V-LOCK SERIES - STRAIGHT BORE EQUIVALENTS

SHAFT DIA.	COVER PART NUMBER	BEARING SERIES	Steel Cover Dimensions						
			A	B	C	D	E	F	
			mm	mm	mm	mm	mm	mm	
CLOSED	CS11STEEL	22211							
1 15/16 in.	CV11T115S		128.5	143.3	79.2	75.2	64.3	89.7	
50 mm	CV11T050S		5.06	5.64	3.12	2.96	2.53	3.53	
2 in.	CV11T200S	22212							
CLOSED	CS12STEEL		129.0	141.5	77.0	72.9	64.5	98.6	
55 mm	CV12T055S		5.08	5.57	3.03	2.87	2.54	3.88	
2 3/16 in.	CV12T203S	22214							
2 1/4 in.	CV12T204S		135.4	159.3	91.4	87.4	67.8	103.6	
CLOSED	CS14STEEL		5.33	6.27	3.60	3.44	2.67	4.08	
60 mm	CV14T060S	22216							
2 7/16 in.	CV14T207S		150.1	167.6	92.5	88.4	75.2	116.1	
2 1/2 in.	CV14T208S		5.91	6.60	3.64	3.48	2.96	4.57	
65 mm	CV14T065S	22219							
CLOSED	CS16STEEL		167.9	191.0	106.9	102.9	84.1	139.4	
80 mm	CV16T080S		6.61	7.52	4.21	4.05	3.31	5.49	
3 3/16 in.	CV16T303S	22222							
3 in.	CV16T300S		217.7	241.8	133.1	129.0	109.0	180.1	
CLOSED	CS19STEEL		8.57	9.52	5.24	5.08	4.29	7.09	
80 mm	CV19T080S	22226							
3 1/4 in.	CV19T304S		219.7	242.8	133.1	129.0	110.0	209.3	
85 mm	CV19T085S		8.65	9.56	5.24	5.08	4.33	8.24	
3 7/16 in.	CV19T307S	22228							
3 1/2 in.	CV19T308S		223.5	246.9	135.1	131.1	111.8	209.3	
CLOSED	CS22STEEL		8.80	9.72	5.32	5.16	4.40	8.24	
90 mm	CV19T090S	22224							
3 11/16 in.	CV22T311S		213.6	237.7	131.1	127	106.7	180.1	
3 3/4 in.	CV22T312S		8.41	9.36	5.16	5.00	4.2	7.09	
100 mm	CV22T100S	22226							
3 15/16 in.	CV22T315S		210.6	233.9	128.5	124.5	105.4	209.3	
4 in.	CV22T400S		8.29	9.21	5.06	4.90	4.15	8.24	
110 mm	CV26T110S	22228							
4 7/16 in.	CV26T407S		214.6	238.0	130.6	126.5	107.2	209.3	
4 1/2 in.	CV26T408S		8.45	9.37	5.14	4.98	4.22	8.24	
115 mm	CV26T115S	22228							
CLOSED	CS28STEEL		214.6	238.0	130.6	126.5	107.2	209.3	
125 mm	CV28T125S		8.45	9.37	5.14	4.98	4.22	8.24	
4 15/16 in.	CV28T415S	22228							
5 in.	CV28T500S		214.6	238.0	130.6	126.5	107.2	209.3	
130 mm	CV28T130S		8.45	9.37	5.14	4.98	4.22	8.24	

### V-LOCK SERIES - TAPERED BORE EQUIVALENTS

SHAFT DIA.	COVER PART NUMBER	BEARING SERIES	Steel Cover Dimensions						
			A	B	C	D	E	F	
			mm	mm	mm	mm	mm	mm	
CLOSED	CS11STEEL	22211							
1 15/16 in.	CV11T115S		124.2	139.2	77.0	72.9	62.2	89.7	
50 mm	CV11T050S		4.89	5.48	3.03	2.87	2.45	3.53	
2 in.	CV11T200S	22213							
CLOSED	CS13STEEL		130.3	154.2	88.9	84.8	65.3	103.6	
55 mm	CV13T055S		5.13	6.07	3.50	3.34	2.57	4.08	
2 3/16 in.	CV13T203S	22215							
2 1/4 in.	CV13T204S		142.7	160.3	88.9	84.8	71.4	116.1	
CLOSED	CS15STEEL		5.62	6.31	3.50	3.34	2.81	4.57	
60 mm	CV15T060S	22217							
2 7/16 in.	CV15T207S		133.9	156.0	88.9	84.8	67.1	132.1	
2 1/2 in.	CV15T208S		5.27	6.14	3.50	3.34	2.64	5.2	
65 mm	CV15T065S	22220							
CLOSED	CS17STEEL		170.4	193.0	108.0	103.9	85.3	160.3	
80 mm	CV17T080S		6.71	7.60	4.25	4.09	3.36	6.31	
2 11/16 in.	CV17T211S	22222							
2 3/4 in.	CV17T212S		208.5	232.9	128.5	124.5	104.4	180.1	
70 mm	CV17T070S		8.21	9.17	5.06	4.90	4.11	7.09	
2 15/16 in.	CV17T215S	22224							
75 mm	CV17T075S		213.6	237.7	131.1	127	106.7	180.1	
3 in.	CV17T300S		8.41	9.36	5.16	5.00	4.2	7.09	
CLOSED	CS20STEEL	22226							
80 mm	CV20T080S		210.6	233.9	128.5	124.5	105.4	209.3	
3 3/16 in.	CV20T303S		8.29	9.21	5.06	4.90	4.15	8.24	
3 1/4 in.	CV20T304S	22228							
85 mm	CV20T085S		214.6	238.0	130.6	126.5	107.2	209.3	
3 7/16 in.	CV20T307S		8.45	9.37	5.14	4.98	4.22	8.24	
3 1/2 in.	CV20T308S	22228							
90 mm	CV20T090S		214.6	238.0	130.6	126.5	107.2	209.3	
CLOSED	CS22STEEL		8.45	9.37	5.14	4.98	4.22	8.24	
3 11/16 in.	CV22T311S	22228							
3 3/4 in.	CV22T312S		214.6	238.0	130.6	126.5	107.2	209.3	
100 mm	CV22T100S		8.45	9.37	5.14	4.98	4.22	8.24	
3 15/16 in.	CV22T315S	22228							
4 in.	CV22T400S		214.6	238.0	130.6	126.5	107.2	209.3	
CLOSED	CS24STEEL		8.45	9.37	5.14	4.98	4.22	8.24	
110 mm	CV24T110S	22228							
CLOSED	CS26STEEL		214.6	238.0	130.6	126.5	107.2	209.3	
110 mm	CV26T110S		8.45	9.37	5.14	4.98	4.22	8.24	
4 7/16 in.	CV26T407S	22228							
4 1/2 in.	CV26T408S		214.6	238.0	130.6	126.5	107.2	209.3	
115 mm	CV26T115S		8.45	9.37	5.14	4.98	4.22	8.24	
CLOSED	CS28STEEL	22228							
125 mm	CV28T125S		214.6	238.0	130.6	126.5	107.2	209.3	
4 15/16 in.	CV28T415S		8.45	9.37	5.14	4.98	4.22	8.24	
5 in.	CV28T500S	22228							
130 mm	CV28T130S		214.6	238.0	130.6	126.5	107.2	209.3	
CLOSED	CS28STEEL		8.45	9.37	5.14	4.98	4.22	8.24	

Covers available for all Timken solid-block housed units – take-up, pillow block, pilot and flange units.



### CL SERIES - SINGLE AND DOUBLE SET SCREW LOCKS

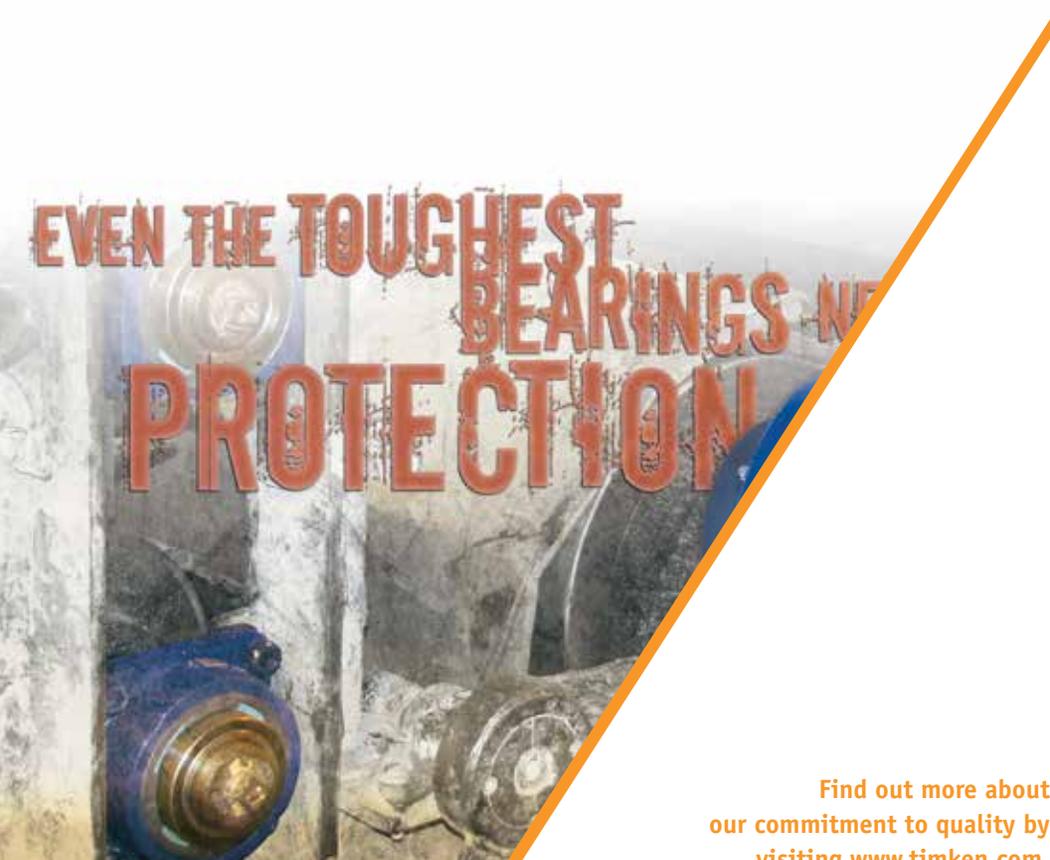
SHAFT DIA.	COVER PART NUMBER	BEARING SERIES	Steel Cover Dimensions					
			A mm	B mm	C mm	D mm	E mm	F mm
CLOSED	CS08STEEL	22208	115.6	127.8	69.9	65.8	57.9	69.6
35 mm	CA08T035S							
1 7/16 in.	CA08T107S							
1 1/2 in.	CA08T108S	22209	121.7	130.8	69.9	65.8	61.0	74.7
CLOSED	CS09STEEL							
40 mm	CA09T040S							
1 11/16 in.	CA09T111S	22210	122.7	132.8	73.2	69.1	61.5	79.8
1 3/4 in.	CA09T112S							
45 mm	CA09T045S							
CLOSED	CS10STEEL	22211	128.5	143.3	79.2	75.2	64.3	89.7
1 15/16 in.	CA10T115S							
50 mm	CA10T050S							
2 in.	CA10T200S	22213	135.4	159.3	91.4	87.4	67.8	103.6
CLOSED	CS11STEEL							
55 mm	CA11T055S							
2 3/16 in.	CA11T203S	22215	148.1	165.6	91.4	87.4	74.2	116.1
2 1/4 in.	CA11T204S							
CLOSED	CS13STEEL							
60 mm	CA13T060S	22218	164.8	188.0	105.7	101.6	82.6	139.4
2 7/16 in.	CA13T207S							
2 1/2 in.	CA13T208S							
65 mm	CA13T065S	22220	179.6	202.2	112.5	108.5	89.9	160.3
CLOSED	CS15STEEL							
70 mm	CA15T070S							
2 15/16 in.	CA15T215S	22222	217.7	241.8	133.1	129.0	109.0	180.1
75 mm	CA15T075S							
3 in.	CA15T300S							
CLOSED	CS18STEEL	22226	219.7	242.8	133.1	129.0	110.0	209.3
80 mm	CA18T080S							
2 11/16 in.	CA18T211S							
2 3/4 in.	CA18T212S	23230	270.3	283.2	148.1	144.0	135.1	239.5
70 mm	CA15T070S							
2 15/16 in.	CA15T215S							
75 mm	CA15T075S	23234	300.5	305.3	155.2	151.1	150.1	279.4
3 in.	CA15T300S							
CLOSED	CS20STEEL							
80 mm	CA18T080S	23234	300.5	305.3	155.2	151.1	150.1	279.4
3 3/16 in.	CA18T303S							
3 1/4 in.	CA18T304S							
85 mm	CA18T085S	23230	270.3	283.2	148.1	144.0	135.1	239.5
3 7/16 in.	CA18T307S							
3 1/2 in.	CA18T308S							
90 mm	CA18T090S	23234	300.5	305.3	155.2	151.1	150.1	279.4
CLOSED	CS20STEEL							
110 mm	CA22T110S							
3 11/16 in.	CA20T311S	23230	270.3	283.2	148.1	144.0	135.1	239.5
3 3/4 in.	CA20T312S							
100 mm	CA20T100S							
3 15/16 in.	CA20T315S	23234	300.5	305.3	155.2	151.1	150.1	279.4
4 in.	CA20T400S							
CLOSED	CS22STEEL							
110 mm	CA22T110S	23234	300.5	305.3	155.2	151.1	150.1	279.4
4 7/16 in.	CA22T407S							
4 1/2 in.	CA22T408S							
115 mm	CA22T115S	23234	300.5	305.3	155.2	151.1	150.1	279.4
CLOSED	CS26STEEL							
125 mm	CA26T125S							
4 15/16 in.	CA26T415S	23234	300.5	305.3	155.2	151.1	150.1	279.4
5 in.	CA26T500S							
130 mm	CA26T130S							
4 7/16 in.	CA22T407S	23234	300.5	305.3	155.2	151.1	150.1	279.4
4 1/2 in.	CA22T408S							
115 mm	CA22T115S							
4 15/16 in.	CA26T415S	23234	300.5	305.3	155.2	151.1	150.1	279.4
5 in.	CA26T500S							
130 mm	CA26T130S							
130 mm	CA26T130S	23234	300.5	305.3	155.2	151.1	150.1	279.4
CLOSED	CS30STEEL							
6 7/16 in.	CJ34T607S							
6 1/2 in.	CJ34T608S	23234	300.5	305.3	155.2	151.1	150.1	279.4
170 mm	CJ34T170S							
6 15/16 in.	CJ34T615S							
7 in.	CJ34T700S	23234	300.5	305.3	155.2	151.1	150.1	279.4
180 mm	CJ34T180S							
CLOSED	CS34STEEL							

### EC SERIES - ECCENTRIC LOCK

SHAFT DIA.	COVER PART NUMBER	BEARING SERIES	Steel Cover Dimensions					
			A mm	B mm	C mm	D mm	E mm	F mm
CLOSED	CS08STEEL	22208	115.6	127.8	69.9	65.8	57.9	69.6
35 mm	CO08T035S							
1 7/16 in.	CJ08T107S							
1 1/2 in.	CJ08T108S	22209	121.7	130.8	69.9	65.8	61.0	74.7
CLOSED	CS09STEEL							
40 mm	CO09T040S							
1 11/16 in.	CJ09T111S	22210	122.7	132.8	73.2	69.1	61.5	79.8
1 3/4 in.	CJ09T112S							
45 mm	CO09T045S							
CLOSED	CS10STEEL	22211	128.5	143.3	79.2	75.2	64.3	89.7
1 15/16 in.	CJ10T115S							
50 mm	CJ10T050S							
2 in.	CJ10T200S	22213	135.4	159.3	91.4	87.4	67.8	103.6
CLOSED	CS11STEEL							
55 mm	CJ11T055S							
2 3/16 in.	CJ11T203S	22215	148.1	165.6	91.4	87.4	74.2	116.1
2 1/4 in.	CJ11T204S							
CLOSED	CS13STEEL							
60 mm	CJ13T060S	22218	164.8	188.0	105.7	101.6	82.6	139.4
2 7/16 in.	CJ13T207S							
2 1/2 in.	CJ13T208S							
65 mm	CJ13T065S	22220	179.6	202.2	112.5	108.5	89.9	160.3
CLOSED	CS15STEEL							
70 mm	CJ15T070S							
2 15/16 in.	CJ15T215S	22222	217.7	241.8	133.1	129.0	109.0	180.1
75 mm	CJ15T075S							
3 in.	CJ15T300S							
CLOSED	CS18STEEL	22226	219.7	242.8	133.1	129.0	110.0	209.3
80 mm	CJ18T080S							
3 3/16 in.	CJ18T303S							
3 1/4 in.	CJ18T304S	23230	270.3	283.2	148.1	144.0	135.1	239.5
85 mm	CJ18T085S							
3 7/16 in.	CJ18T307S							
3 1/2 in.	CJ18T308S	23234	300.5	305.3	155.2	151.1	150.1	279.4
90 mm	CJ18T090S							
CLOSED	CS20STEEL							
3 11/16 in.	CJ20T311S	23230	270.3	283.2	148.1	144.0	135.1	239.5
3 3/4 in.	CJ20T312S							
100 mm	CJ20T100S							
3 15/16 in.	CJ20T315S	23234	300.5	305.3	155.2	151.1	150.1	279.4
4 in.	CJ20T400S							
CLOSED	CS22STEEL							
110 mm	CJ22T110S	23234	300.5	305.3	155.2	151.1	150.1	279.4
4 7/16 in.	CJ22T407S							
4 1/2 in.	CJ22T408S							
115 mm	CJ22T115S	23234	300.5	305.3	155.2	151.1	150.1	279.4
CLOSED	CS26STEEL							
125 mm	CJ26T125S							
4 15/16 in.	CJ26T415S	23234	300.5	305.3	155.2	151.1	150.1	279.4
5 in.	CJ26T500S							
130 mm	CJ26T130S							
4 7/16 in.	CJ34T607S	23234	300.5	305.3	155.2	151.1	150.1	279.4
4 1/2 in.	CJ34T608S							
170 mm	CJ34T170S							
6 15/16 in.	CJ34T615S	23234	300.5	305.3	155.2	151.1	150.1	279.4
7 in.	CJ34T700S							
180 mm	CJ34T180S							

### TA/DV SERIES - TAPERED ADAPTER LOCK

SHAFT DIA.	COVER PART NUMBER	BEARING SERIES	Steel Cover Dimensions					
			A mm	B mm	C mm	D mm	E mm	F mm
CLOSED	CS09STEEL	22209	118.4	127.5	68.3	64.3	59.2	74.7
1 7/16 in.	CK09T107S							
1 1/2 in.	CK09T108S							
40 mm	CK09T040S	22210	118.4	130.0	70.9	66.8	59.2	79.8
CLOSED	CS10STEEL							
1 11/16 in.	CK10T111S							
1 3/4 in.	CK10T112S	22211	124.2	139.2	77.0	72.9	62.2	89.7
45 mm	CK10T045S							
CLOSED	CS11STEEL							
1 15/16 in.	CK11T115S	22212	123.7	136.4	74.4	70.4	62.0	98.6
50 mm	CK11T050S							
2 in.	CK11T200S							
CLOSED	CS12STEEL	22213	130.3	154.2	88.9	84.8	65.3	103.6
55 mm	CK12T055S							
2 3/16 in.	CK13T203S							
2 1/4 in.	CK13T204S	22215	142.7	160.3	88.9	84.8	71.4	116.1
60 mm	CK13T060S							
CLOSED	CS15STEEL							
2 7/16 in.	CK15T207S	22216	144.8	162.3	89.9	85.9	72.4	116.1
2 1/2 in.	CK15T208S							
65 mm	CK15T065S							
CLOSED	CS16STEEL	22218	164.8	182.9	102.9	98.8	79.8	139.4
2 11/16 in.	CK16T211S							
2 3/4 in.	CK16T212S							
70 mm	CK16T070S	22219	162.6	185.7	104.4	100.3	81.3	139.4
CLOSED	CS17STEEL							
2 15/16 in.	CK17T215S							
75 mm	CK17T075S	22220	170.4	193.0	108.0	103.9	85.3	160.3
3 in.	CK17T300S							
CLOSED	CS18STEEL							
80 mm	CK18T080S	22222	208.5	232.9	128.5	124.5	104.4	180.1
3 3/16 in.	CK18T303S							
3 1/4 in.	CK18T304S							
CLOSED	CS19STEEL	22224	213.6	237.7	131.1	127.0	106.7	180.1
85 mm	CK19T085S							
CLOSED	CS20STEEL							
3 7/16 in.	CK20T307S	22226	210.6	233.9	128.5	124.5	105.4	209.3
3 1/2 in.	CK20T308S							
90 mm	CK20T090S							
CLOSED	CS22STEEL	22228	214.6	238.0	130.6	126.5	107.2	209.3
3 15/16 in.	CK22T315S							
4 in.	CK22T400S							
100 mm	CK22T100S	22228	214.6	238.0	130.6	126.5	107.2	209.3
CLOSED	CS24STEEL							
4 3/16 in.	CK24T403S							
4 1/4 in.	CK24T404S	22226	210.6	233.9	128.5	124.5	105.4	209.3
110 mm	CK24T110S							
CLOSED	CS26STEEL							
4 7/16 in.	CK26T407S	22228	214.6	238.0	130.6	126.5	107.2	209.3
4 1/2 in.	CK26T408S							
115 mm	CK26T115S							
CLOSED	CS28STEEL	22228	214.6	238.0	130.6	126.5	107.2	209.3
4 15/16 in.	CK28T415S							
5 in.	CK28T500S							
125 mm	CK28T125S	22228						



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## TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets high-performance mechanical components, including bearings, belts, gears, chain and related mechanical power transmission products and services.

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