

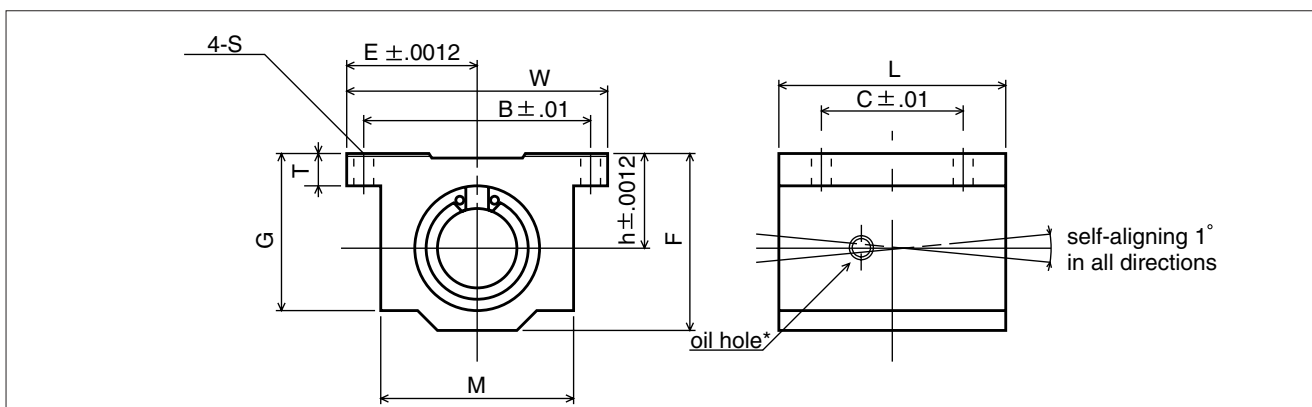
TWA TYPE

— Block Type —

(Inch Series)



part number structure					
example	TWA	20	UU	-	SK
TWA type					blank standard SK anti-corrosive(1)
size					seal blank without seal UU seals on both sides



part number	nom. shaft dia. inch	major dimensions								mounting dimensions			basic load rating		mass lbs.
		h	E	W	L	F	T	G	M	B	C	S	C	Co	
		inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	lbf	lbf	
TWA 4UU	1/4	.4370	.8125	1.625	1.188	.813	.188	.750	1.000	1.312	.750	.156	60	80	.090
TWA 6UU	3/8	.5000	.8750	1.750	1.313	.938	.188	.875	1.125	1.437	.875	.156	95	120	.120
TWA 8UU	1/2	.6870	1.0000	2.000	1.688	1.250	.250	1.125	1.375	1.688	1.000	.156	230	290	.248
TWA 10UU	5/8	.8750	1.2500	2.500	1.938	1.625	.281	1.437	1.750	2.125	1.125	.188	400	500	.465
TWA 12UU	3/4	.9370	1.3750	2.750	2.063	1.750	.313	1.563	1.875	2.375	1.250	.188	470	590	.553
TWA 16UU	1	1.1870	1.6250	3.250	2.813	2.188	.375	1.938	2.375	2.875	1.750	.219	850	1060	1.200
TWA 20UU	1-1/4	1.5000	2.0000	4.000	3.625	2.813	.438	2.500	3.000	3.500	2.000	.219	1230	1530	2.380
TWA 24UU	1-1/2	1.7500	2.3750	4.750	4.000	3.250	.500	2.875	3.500	4.125	2.500	.281	1480	1850	3.460
TWA 32UU	2	2.1250	3.0000	6.000	5.000	4.063	.625	3.625	4.500	5.250	3.250	.406	2430	3040	6.830

* Provided with push-in oil fitting for 1/4" to 1/2" sizes. Sizes from 5/8" to 2" offer a 1/4-28

tapped hole with a plug for adding a fitting if desired.

(1) For anti-corrosion the load plates are electroless nickel plated with Stainless Steel ball elements.

1inch = 25.4mm

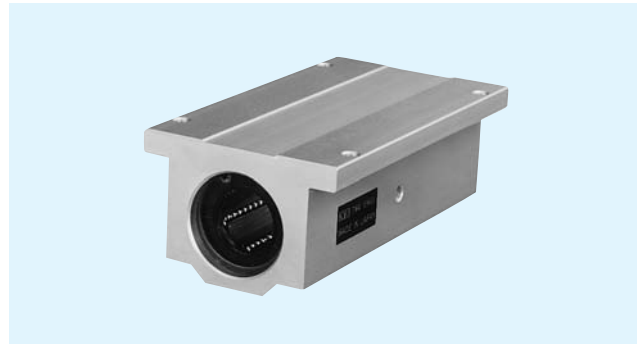
1lbs ≈ 0.454kg

1lbf ≈ 4.448N

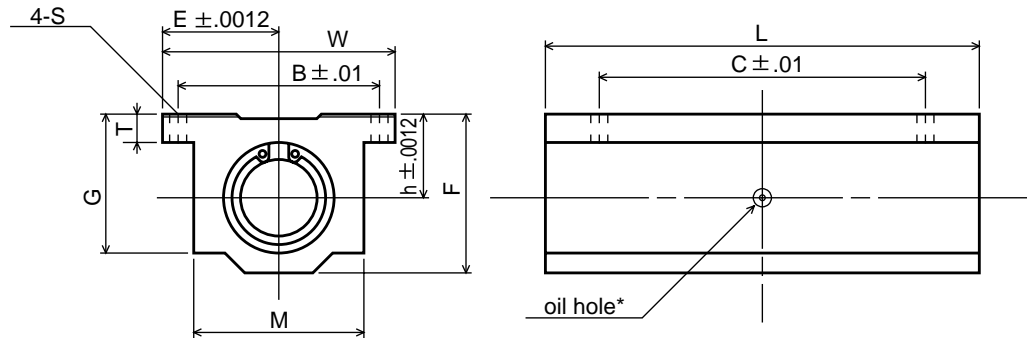
TWA-W TYPE

— Double-Wide Block Type —

(Inch Series)



part number structure	
example	TWA 20 W UU - SK
TWA type	blank standard SK anti-corrosive(1)
size	seal blank without seal UU seals on both sides
double-wide type	



part number	nom. shaft dia. inch	major dimensions								mounting dimensions			basic load rating			mass lbs.
		h	E	W	L	F	T	G	M	B	C	S	C	Co		
		inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	lbf	lbf		
TWA 4WUU	1/4	.4370	.8125	1.625	2.500	.813	.188	.750	1.000	1.312	2.000	.156	96	160		.190
TWA 6WUU	3/8	.5000	.8750	1.750	2.750	.938	.188	.875	1.125	1.437	2.250	.156	150	240		.250
TWA 8WUU	1/2	.6870	1.0000	2.000	3.500	1.250	.250	1.125	1.375	1.688	2.500	.156	370	580		.510
TWA 10WUU	5/8	.8750	1.2500	2.500	4.000	1.625	.281	1.437	1.750	2.125	3.000	.188	640	1000		1.000
TWA 12WUU	3/4	.9370	1.3750	2.750	4.500	1.750	.313	1.563	1.875	2.375	3.500	.188	750	1180		1.200
TWA 16WUU	1	1.1870	1.6250	3.250	6.000	2.188	.375	1.938	2.375	2.875	4.500	.219	1360	2120		2.400
TWA 20WUU	1-1/4	1.5000	2.0000	4.000	7.500	2.813	.438	2.500	3.000	3.500	5.500	.219	1970	3060		5.000
TWA 24WUU	1-1/2	1.7500	2.3750	4.750	9.000	3.250	.500	2.875	3.500	4.125	6.500	.281	2370	3700		7.800

* Provided with push-in oil fitting for 1/4" to 1/2" sizes. Sizes from 5/8" to 2" offer a 1/4-28

tapped hole with a plug for adding a fitting if desired.

(1) For anti-corrosion the load plates are electroless nickel plated with Stainless Steel ball elements.

1inch = 25.4mm

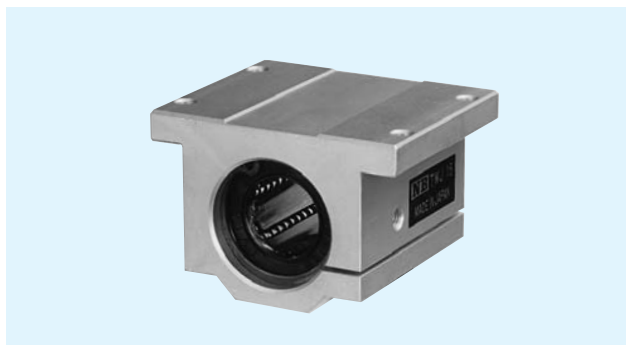
1lbs ≈ 0.454kg

1lbf ≈ 4.448N

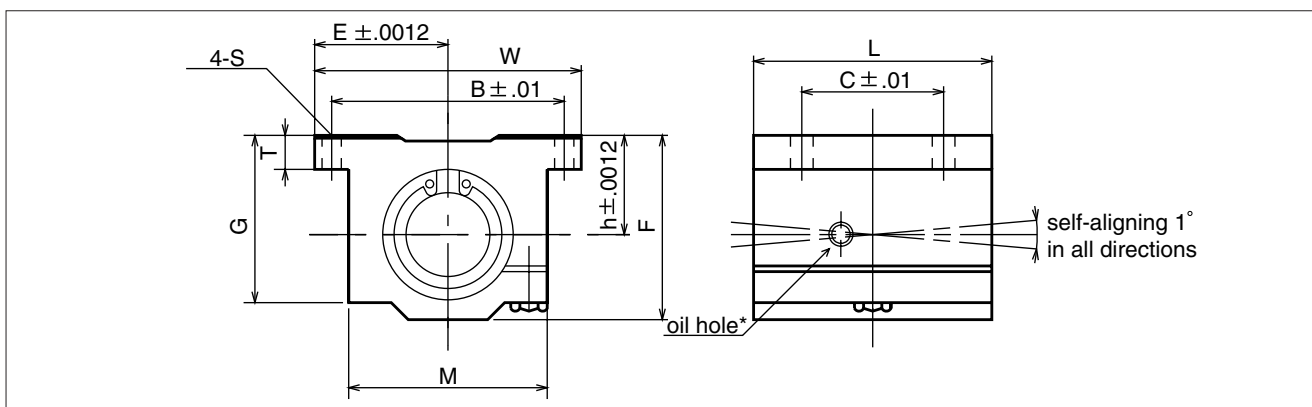
TWJ TYPE

— Clearance Adjustable Block Type —

(Inch Series)



part number structure									
example	TWJ	20	UU - SK						
TWJ type			<table><tr><td>blank</td><td>standard</td></tr><tr><td>SK</td><td>anti-corrosive(1)</td></tr></table>	blank	standard	SK	anti-corrosive(1)		
blank	standard								
SK	anti-corrosive(1)								
size			<table><tr><td colspan="2">seal</td></tr><tr><td>blank</td><td>without seal</td></tr><tr><td>UU</td><td>seals on both sides</td></tr></table>	seal		blank	without seal	UU	seals on both sides
seal									
blank	without seal								
UU	seals on both sides								



part number	nom. shaft dia. inch	major dimensions								mounting dimensions			basic load rating		mass lbs.
		h	E	W	L	F	T	G	M	B	C	S	dynamic C	static Co	
		inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	lbf	lbf	
TWJ 4UU	1/4	.4370	.8125	1.625	1.188	.813	.188	.750	1.000	1.312	.750	.156	60	80	.090
TWJ 6UU	3/8	.5000	.8750	1.750	1.313	.938	.188	.875	1.125	1.437	.875	.156	95	120	.120
TWJ 8UU	1/2	.6870	1.0000	2.000	1.688	1.250	.250	1.125	1.375	1.688	1.000	.156	230	290	.248
TWJ 10UU	5/8	.8750	1.2500	2.500	1.938	1.625	.281	1.437	1.750	2.125	1.125	.188	400	500	.465
TWJ 12UU	3/4	.9370	1.3750	2.750	2.063	1.750	.313	1.563	1.875	2.375	1.250	.188	470	590	.553
TWJ 16UU	1	1.1870	1.6250	3.250	2.813	2.188	.375	1.938	2.375	2.875	1.750	.219	850	1060	1.200
TWJ 20UU	1-1/4	1.5000	2.0000	4.000	3.625	2.813	.438	2.500	3.000	3.500	2.000	.219	1230	1530	2.380
TWJ 24UU	1-1/2	1.7500	2.3750	4.750	4.000	3.250	.500	2.875	3.500	4.125	2.500	.281	1480	1850	3.460
TWJ 32UU	2	2.1250	3.0000	6.000	5.000	4.063	.625	3.625	4.500	5.250	3.250	.406	2430	3040	6.830

* Provided with push-in oil fitting for 1/4" to 1/2" size. Sizes from 5/8" to 2" offer a 1/4-28 tapped hole with a plug for adding a fitting if desired.

(1) For anti-corrosion the load plates are electroless nickel plated with Stainless Steel ball elements.

1inch = 25.4mm

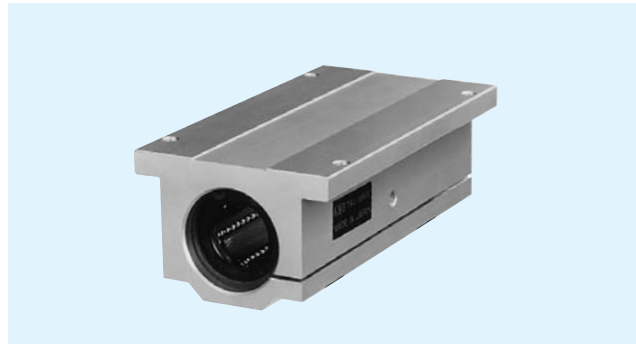
1lbs ≈ 0.454kg

1lbf ≈ 4.448N

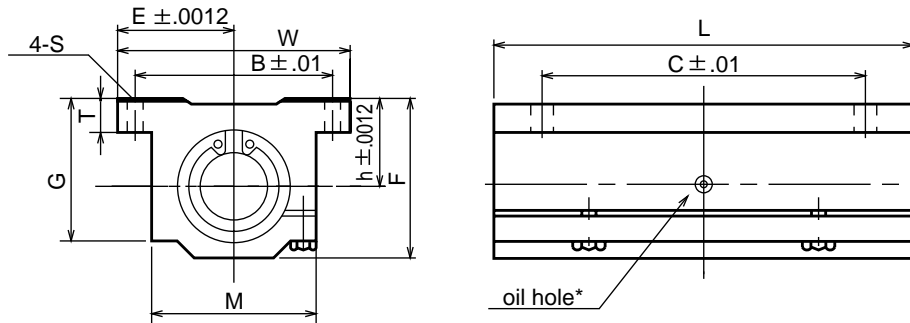
TWJ-W TYPE

— Clearance Adjustable Double-Wide Block Type —

(Inch Series)



part number structure	
example	TWJ 20 W UU - SK
TWJ type	blank standard SK anti-corrosive(1)
size	seal blank without seal UU seals on both sides
double-wide type	



part number	nom. shaft dia. inch	major dimensions								mounting dimensions			basic load rating		mass lbs.
		h	E	W	L	F	T	G	M	B	C	S	C	Co	
		inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	lbf	lbf	
TWJ 4WUU	1/4	.4370	.8125	1.625	2.500	.813	.188	.750	1.000	1.312	2.000	.156	96	160	.190
TWJ 6WUU	3/8	.5000	.8750	1.750	2.750	.938	.188	.875	1.125	1.437	2.250	.156	150	240	.250
TWJ 8WUU	1/2	.6870	1.0000	2.000	3.500	1.250	.250	1.125	1.375	1.688	2.500	.156	370	580	.510
TWJ 10WUU	5/8	.8750	1.2500	2.500	4.000	1.625	.281	1.437	1.750	2.125	3.000	.188	640	1000	1.000
TWJ 12WUU	3/4	.9370	1.3750	2.750	4.500	1.750	.313	1.563	1.875	2.375	3.500	.188	750	1180	1.200
TWJ 16WUU	1	1.1870	1.6250	3.250	6.000	2.188	.375	1.938	2.375	2.875	4.500	.219	1360	2120	2.400
TWJ 20WUU	1-1/4	1.5000	2.0000	4.000	7.500	2.813	.438	2.500	3.000	3.500	5.500	.219	1970	3060	5.000
TWJ 24WUU	1-1/2	1.7500	2.3750	4.750	9.000	3.250	.500	2.875	3.500	4.125	6.500	.281	2370	3700	7.800

* Provided with push-in oil fitting for 1/4" to 1/2" size. Sizes from 5/8" to 2" offer a 1/4-28 tapped hole with a plug for adding a fitting if desired.

(1) For anti-corrosion the load plates are electroless nickel plated with Stainless Steel ball elements.

1inch = 25.4mm
1lbs ≈ 0.454kg
1lbf ≈ 4.448N

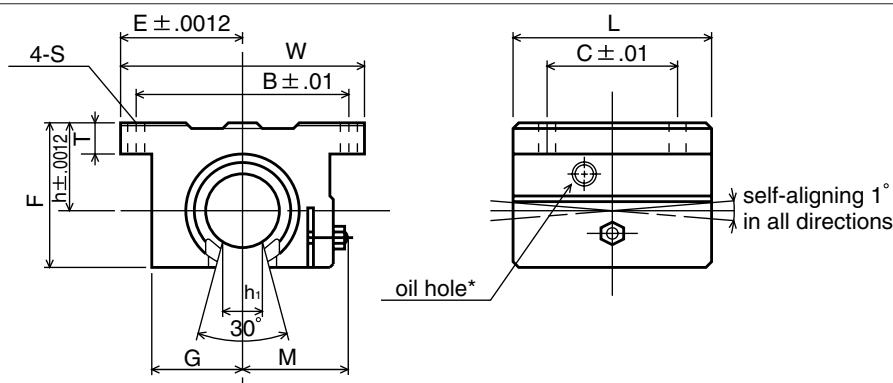
TWD TYPE

— Open Block Type —

(Inch Series)



part number structure			
example	TWD	20	UU - SK
TWD type			
size			
	blank	standard	
	SK	anti-corrosive(1)	
	seal		
	blank	without seal	
	UU	seals on both sides	



part number	nom. shaft dia. inch	major dimensions									mounting dimensions			basic load rating		
		h	E	W	L	F	T	G	M	h ₁	B	C	S	C lbf	Co lbf	mass lbs.
TWD 8UU	1/2	.6870	1.000	2.000	1.500	1.100	.250	.688	.86	.260	1.688	1.000	.156	230	290	.188
TWD 10UU	5/8	.8750	1.2500	2.500	1.750	1.405	.281	.875	1.06	.319	2.125	1.125	.188	400	500	.365
TWD 12UU	3/4	.9370	1.3750	2.750	1.875	1.535	.315	.937	1.12	.386	2.375	1.250	.188	470	590	.452
TWD 16UU	1	1.1870	1.6250	3.250	2.625	1.975	.375	1.188	1.40	.512	2.875	1.750	.218	850	1060	1.010
TWD 20UU	1-1/4	1.5000	2.0000	4.000	3.375	2.485	.437	1.500	1.88	.569	3.500	2.000	.218	1230	1530	1.980
TWD 24UU	1-1/2	1.7500	2.3750	4.750	3.750	2.910	.500	1.750	2.12	.681	4.125	2.500	.281	1480	1850	2.950
TWD 32UU	2	2.1250	3.0000	6.000	4.750	3.660	.625	2.250	2.70	.933	5.250	3.250	.406	2430	3040	5.840

* Provided with push-in oil fitting for 1/4" to 1/2" size only. Sizes from 5/8" to 2" offer a 1/4-28 tapped hole with a plug for adding a fitting if desired.

(1) For anti-corrosion the load plates are electroless nickel plated with Stainless Steel ball elements.

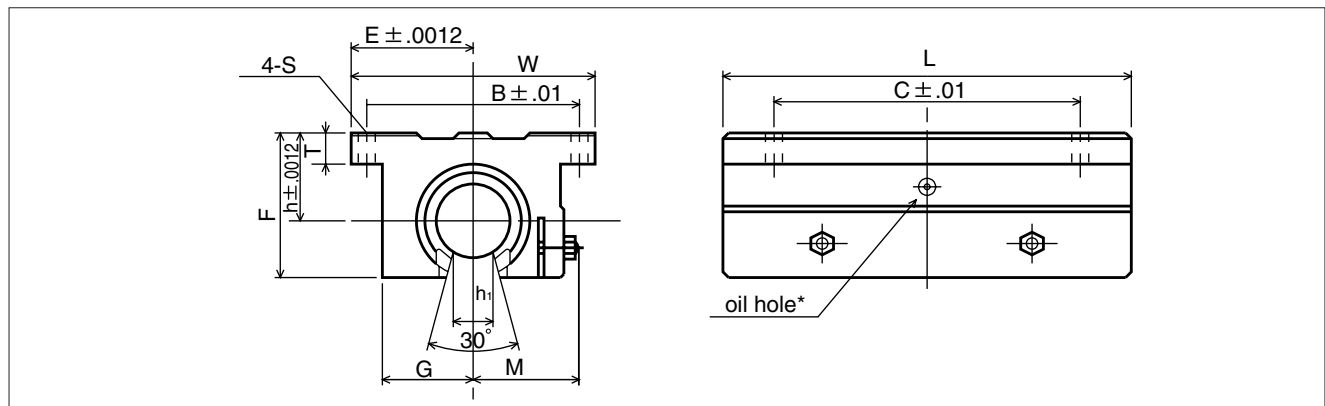
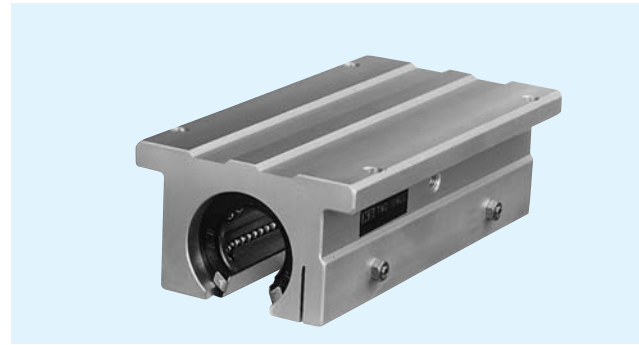
1inch = 25.4mm
1lbs ≅ 0.454kg
1lbf ≅ 4.448N

TWD-W TYPE

— Double-Wide Open Block Type —

(Inch Series)

part number structure	
example	TWD 20 W UU - SK
TWD type	blank standard SK anti-corrosive(1)
size	seal blank without seal UU seals on both sides
double-wide type	



part number	nom. shaft dia. inch	major dimensions									mounting dimensions			basic load rating		
		h	E	W	L	F	T	G	M	h ₁	B	C	S	C dynamic	Co static	mass
TWD 8WUU	1/2	.6870	1.000	2.000	3.500	1.100	.250	.688	.86	.260	1.688	2.500	.156	370	580	.400
TWD 10WUU	5/8	.8750	1.2500	2.500	4.000	1.405	.281	.875	1.06	.319	2.125	3.000	.188	640	1000	.800
TWD 12WUU	3/4	.9370	1.3750	2.750	4.500	1.535	.315	.937	1.12	.386	2.375	3.500	.188	750	1180	1.000
TWD 16WUU	1	1.1870	1.6250	3.250	6.000	1.975	.375	1.188	1.40	.512	2.875	4.500	.218	1360	2120	2.000
TWD 20WUU	1-1/4	1.5000	2.0000	4.000	7.500	2.485	.437	1.500	1.88	.569	3.500	5.500	.218	1970	3060	4.200
TWD 24WUU	1-1/2	1.7500	2.3750	4.750	9.000	2.910	.500	1.750	2.12	.681	4.125	6.500	.281	2370	3700	6.700

* Provided with push-in oil fitting for 1/4" to 1/2" size. Sizes from 5/8" to 2" offer a 1/4-28 tapped hole with a plug for adding a fitting if desired.

(1) For anti-corrosion the load plates are electroless nickel plated with Stainless Steel ball elements.

1inch = 25.4mm

1lbs ≅ 0.454kg

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