

# U.S. TSUBAKI STOCK SPROCKETS

## TAPER-LOCK® Weld-on Hubs

U.S. Tsubaki offers the most complete line of QD® and TAPER-LOCK weld-on hubs for insertion and welding to produce “B” style sprockets, sheaves, and other applications **without** hub protrusion. To provide greater strength for this type of shaft-locking mechanism and to reduce heat distortion caused by welding, these hubs are dimensionally

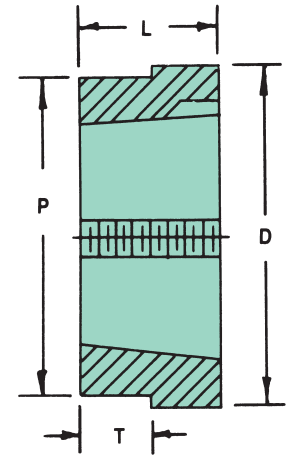
the same as our sprocket items. Special dimensional hubs are available per your specifications on a made-to-order basis. All U.S. Tsubaki hubs are made from **steel bar stock** (not powdered or sintered metal). The QD and TAPER-LOCK weld-on hubs listed below include appropriate tapered bores and mounting holes.

### TAPER-LOCK Weld-on Hubs

Dimensions are in inches unless otherwise indicated.

Catalog Number	Wt. Lbs.	Use Bushing	Dim D	Dim P	Dim L	Dim T
35TL1	.80	1610	3	2 <sup>7</sup> / <sub>8</sub>	1	9 <sup>6</sup> / <sub>64</sub>
41TL1	.80	1610	3	2 <sup>7</sup> / <sub>8</sub>	1	7 <sup>3</sup> / <sub>32</sub>
40TL1	.80	1610	3	2 <sup>7</sup> / <sub>8</sub>	1	1 <sup>1</sup> / <sub>4</sub>
40TL2	1.50	2012	3 <sup>5</sup> / <sub>8</sub>	3 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>
40TL3	2.70	2517	4 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>
50TL1	1.50	2012	3 <sup>5</sup> / <sub>8</sub>	3 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>16</sub>
50TL2	2.70	2517	4 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>16</sub>
60TL1	1.50	2012	3 <sup>5</sup> / <sub>8</sub>	3 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>16</sub>
60TL2	2.70	2517	4 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>16</sub>
80TL1	1.50	2012	3 <sup>5</sup> / <sub>8</sub>	3 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	9 <sup>9</sup> / <sub>16</sub>
80TL2	2.70	2517	4 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	9 <sup>9</sup> / <sub>16</sub>
80TL3	4.30	3020	5 <sup>1</sup> / <sub>4</sub>	5	2	9 <sup>9</sup> / <sub>16</sub>
100TL1	2.70	2517	4 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>16</sub>
100TL2	4.30	3020	5 <sup>1</sup> / <sub>4</sub>	5	2	11 <sup>1</sup> / <sub>16</sub>
120TL1	2.60	2517	4 <sup>1</sup> / <sub>4</sub>	4	1 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>
120TL2	4.20	3020	5 <sup>1</sup> / <sub>4</sub>	5	2	7 <sup>7</sup> / <sub>8</sub>
120TL3	13.00	3535	6 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>2</sub> *	3 <sup>1</sup> / <sub>2</sub>	—
140TL1	25.00	4040	7 <sup>3</sup> / <sub>4</sub>	7 <sup>3</sup> / <sub>4</sub> *	4	—
160TL1	4.00	3020	5 <sup>1</sup> / <sub>4</sub>	5	2	1 <sup>1</sup> / <sub>8</sub>
160TL2	12.60	3535	6 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>8</sub>
160TL3	42.00	4545	8 <sup>3</sup> / <sub>4</sub>	8 <sup>3</sup> / <sub>4</sub> *	4 <sup>1</sup> / <sub>2</sub>	—

\* These items have no hub step.



### TAPER-LOCK Type W Weld-on Hubs

Dimensions are in inches unless otherwise indicated.

Hub Number	For Use with Bushing No.	Max. Bore of Bushing	A	B	C	D	F	G*	H	J	K	Wt. Lbs.
W12	1215	1 <sup>1</sup> / <sub>4</sub>	2 <sup>7</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>8</sub>	1 <sup>7</sup> / <sub>8</sub>	2 <sup>5</sup> / <sub>8</sub>	1.30
W16	1615	1 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	3	1.50
W25	2517	2 <sup>1</sup> / <sub>2</sub>	4 <sup>7</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>8</sub>	4 <sup>5</sup> / <sub>8</sub>	4.00
W30	3030	3	5 <sup>1</sup> / <sub>2</sub>	3	3 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>8</sub>	4 <sup>13</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>8</sub>	5	8.60
W35	3535	3 <sup>1</sup> / <sub>2</sub>	6 <sup>3</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	1	3 <sup>3</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>4</sub>	5 <sup>15</sup> / <sub>16</sub>	5	6	15.00
W40	4040	4	7 <sup>3</sup> / <sub>4</sub>	4	1 <sup>1</sup> / <sub>2</sub>	1	3 <sup>3</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>	6 <sup>7</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>4</sub>	7	29.00
W45	4545	4 <sup>1</sup> / <sub>2</sub>	8 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>	1 <sup>3</sup> / <sub>4</sub>	1	3 <sup>3</sup> / <sub>8</sub>	8	7 <sup>5</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	8	42.00

TAPER-LOCK type W weld-on hubs are designed for use in applications such as welding to plate sprockets, pulleys, and agitators. They are made of steel, drilled, tapped, and taper bored for TAPER-LOCK bushings.

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