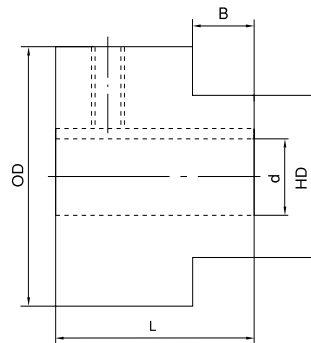
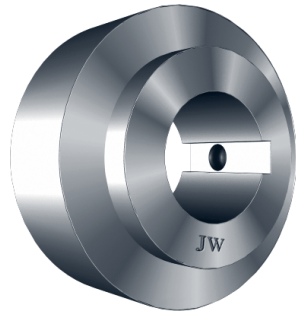


## WELD-ON HUB



### Finished Bore Hubs

Hole No.	Hub Type	Chain No.	No. of Teeth	OD	HD	L	B	d		App. Wt. (Lbs.)
								Min.	Max.	
214	J	40	37-48	3.000	2.875	1.125	0.287	5/8	1-1/2	1.90
214	L	50	31-48	3.250	2.875	1.375	0.346	5/8	1-15/16	2.52
214	O	60	20-29	3.250	2.875	1.250	0.462	5/8	1-1/2	2.40
406	P	60	30-48	4.500	4.375	1.500	0.462	1	2-7/16	6.00
406	R	80	20-25	4.500	4.375	1.875	0.578	1	2-15/16	7.28
406	S	80	26-48	4.750	4.375	1.875	0.578	1-3/16	2-15/16	7.56
406	T	100	19-25	4.500	4.375	2.000	0.695	1-1/4	2-15/16	7.34
406	V	100	26-48	5.000	4.375	2.000	0.695	1-1/4	3	9.12
510	X	120/140	16-25	5.750	5.625	2.375	0.925	1-1/4	3-7/16	14.96
510	Z	120/140	26-48	6.250	5.625	2.500	0.925	1-15/16	3-15/16	17.20

Hole No. denotes size of bored hole in Large Hole A Plate sprocket needed to accept hub.

To order finished bore hubs, use the hub type and bore size. (eg. P hub with 1-1/2" bore is P 1-1/2. )

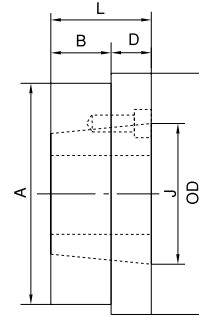
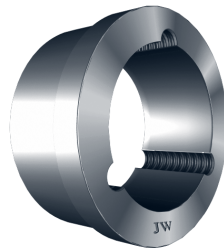
### Available Bore Sizes

Bore	Hubs									
	J	L	O	P	R	S	T	V	X	Z
5/8	x	x	x							
3/4	x	x	x							
7/8	x	x	x							
1	x	x	x	x	x					
1-1/8	x	x	x	x	x					
1-3/16	x	x	x	x	x	x				
1-1/4	x	x	x	x	x	x	x	x	x	
1-3/8	x	x	x	x	x	x	x			
1-7/16	x	x	x	x	x	x	x	x	x	
1-1/2	x	x	x	x	x	x	x		x	
1-5/8		x		x	x	x	x		x	
1-11/16					x		x			
1-3/4		x		x	x	x	x		x	
1-7/8		x		x	x	x	x		x	
1-15/16		x		x	x	x	x	x	x	x
2				x	x	x	x		x	
2-1/8					x		x		x	
2-3/16				x	x	x	x	x	x	x
2-1/4					x	x	x	x	x	
2-3/8					x	x	x	x	x	
2-7/16				x	x	x	x	x	x	x
2-1/2					x		x	x	x	
2-5/8					x	x		x	x	
2-3/4					x	x		x	x	
2-7/8					x	x		x	x	
2-15/16					x	x	x	x	x	x
3								x	x	
3-7/16									x	x
3-15/16										x

Finished bore hubs have standard keyway and 2 setscrews.

# WELD-ON HUBS

Type S Weld-On Hubs are made of solid steel, drilled, tapped then taper bored for taper bushings. The small size of these taper-bushed hubs offers conveniences and advantages that make them invaluable in their applications with various devices and for use on shafts.



Type S

## Taper-Bushed Type S Weld-On Hubs

Hole No.	Bushing No.	Max. Bore of Bushing	OD	L §	B*	DΔ	A	J	App. Wt. (Lbs.)
S16-4	1610	1-5/8	3	1	0.275	0.725	2-7/8 ※	2-1/4	0.9
S16-6	1610	1-5/8	3	1	0.450	0.550	2-7/8 ※	2-1/4	0.9
S20-6	2012	2	3-9/16	1-1/4	0.450	0.800	3-7/16 ※	2-3/4	1.8
S20-8	2012	2	3-9/16	1-1/4	0.570	0.680	3-7/16 ※	2-3/4	1.4
S25-6	2517	2-1/2	4-1/4	1-3/4	0.450	1.300	4-1/8 ※	3-3/8	2.6
S25-8	2517	2-1/2	4-1/4	1-3/4	0.565	1.185	4-1/8 ※	3-3/8	2.6
S25-10	2517	2-1/2	4-1/4	1-3/4	0.685	1.065	4-1/8 ※	3-3/8	2.5
S25-16	2517	2-1/2	4-1/4	1-3/4	1.090	0.660	4-1/8 ※	3-3/8	2.4
S30-10	3020	3	5-1/4	2	0.675	1.325	5-1/8 ※	4-1/4	4.3
S30-16	3020	3	5-1/4	2	1.090	0.910	5-1/8 ※	4-1/4	4.2
S35	3535	3-1/2	6-1/2	3-1/2	1.160	2.340	6-3/8 ◊	5	12.8

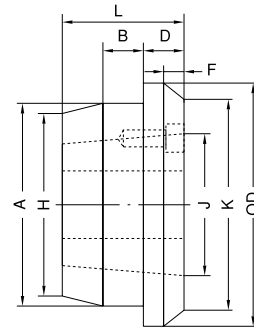
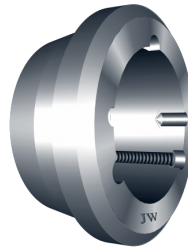
For taper bushing specifications, please refer to page 71.

The taper on all taper-bushed weld-on hubs is 3/4" per foot on diameter.

Tolerance: § +0.005-0.010 \* +0.010-0.010 Δ +0.000-0.005

※ +0.000-0.002 ◊ +0.001-0.003

Type W Weld-On Hubs are made of solid steel, drilled, tapped then taper bored for taper bushings. Uses include welding into plate sprockets, pulleys, fan rotors, impellers, agitators and similar devices, which require a secure attachment to the shaft.



Type W

## Taper-Bushed Type W Weld-On Hubs

Hub No.	Bushing No.	Max. Bore of Bushing	OD	L	B	D	F	A	H	J	K	App. Wt. (Lbs.)
WA12	1215	1-1/4	2-7/8	1-1/2	3/8	5/8	3/8	2-1/2 ※	2-3/8	1-7/8	2-5/8	1.3
WA16	1615	1-5/8	3-1/4	1-1/2	3/8	5/8	3/8	2-7/8 ※	2-3/4	2-1/4	3	1.5
WA25	2517	2-1/2	4-7/8	1-3/4	1/2	3/4	3/8	4-3/8 ※	4-1/4	3-3/8	4-5/8	4.0
WA30	3030	3	5-1/2	3	3/4	3/4	1/4	5-1/8 ※	4-13/16	4-1/8	5	8.6
WA35	3535	3-1/2	6-3/4	3-1/2	1-1/4	1	3/8	6-1/4 ※	5-15/16	5	6	15.0
WA40	4040	4	7-3/4	4	1-1/2	1	3/8	7-1/4 ※	6-7/8	5-3/4	7	29.0
WA45	4545	4-1/2	8-3/4	4-1/2	1-3/4	1	3/8	8 ※	7-5/8	6-3/8	8	42.0
WA50	5050	5	9-1/2	5	1-3/4	1	3/8	8-3/4 Δ	8-3/8	7	8-3/4	57.0
WA60	6050	6	13-1/4	5	1-3/4	1-1/4		12-1/4 *	11-7/8	9-1/4		115.0
WA70	7060	7	14-1/2	6	2-1/4	1-1/4		13-1/2 *	13-1/4	10-1/4		155.0
WA80	8065	8	15-1/4	6-1/2	2-1/4	1-1/4		14-1/4 *	14	11-1/4		180.0
WA100	10085	10	19-3/4	8-1/2	3-1/2	1-1/2		18-3/4 *	18-1/4	14-3/4		340.0

For taper bushing specifications, please refer to page 71.

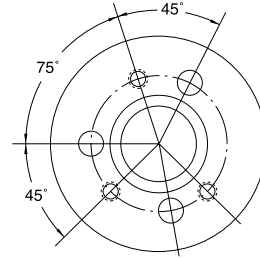
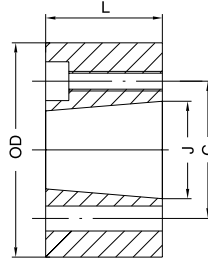
The taper on all taper-bushed weld-on hubs is 3/4" per foot on diameter.

Tolerance: ※ +0.000-0.002 Δ +0.000-0.003 \* +0.000-0.004

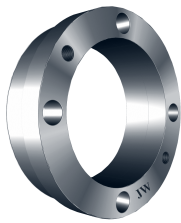
## WELD-ON HUBS



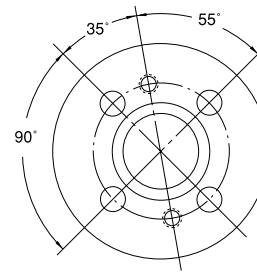
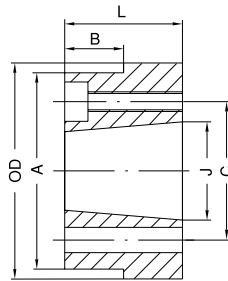
Weld-On Hub Q-Bushed Type 1



Type 1



Weld-On Hub Q-Bushed Type 2



Type 2

Q-Bushed Weld-On Hubs are made of solid steel, are then drilled, tapped and taper bored for Q-Bushings.

Q-Bushed Weld-On Hubs have numerous applications, including welding into steel plate sprockets.

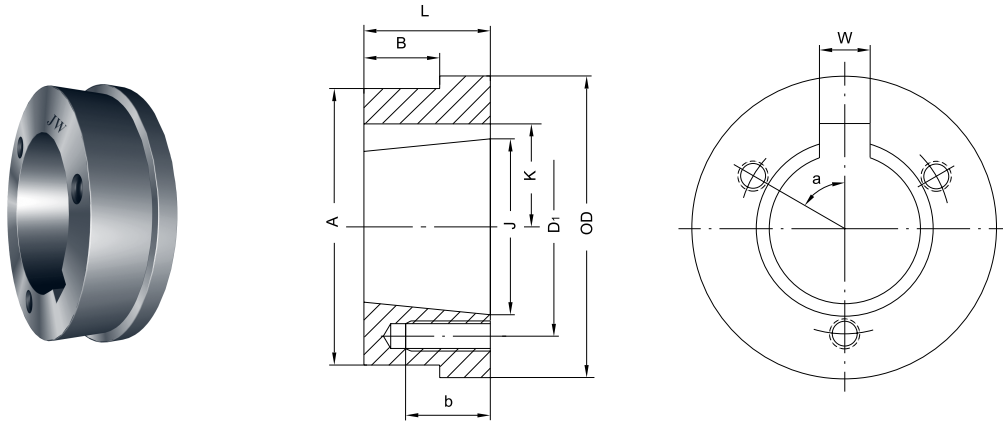
### Q-Bushed Weld-On Hubs

Hub No.	OD*	L	J	A	B	C	Type	App. Wt. (Lbs.)	Mounting
JA-A	2.250	9/16	1.375			1-21/32	1	0.40	Standard
SH-A	3.000	13/16	1.871			2-1/4	1	1.00	or
SDS-A	3.500	3/4	2.188			2-11/16	1	1.25	Reverse
SK-A	4.375	1-1/4	2.813			3-5/16	1	3.00	Mount
SF-A	5.000	1-1/4	3.125			3-7/8	1	4.00	
E-A	6.250	1-5/8	3.832			5	1	9.00	
F-A	7.000	2-1/2	4.437			5-5/8	1	16.00	
J-A	7.750	3-3/16	5.140			6-1/4	1	22.50	
M-A	9.500	5-3/16	6.494	9.250	3-9/16	7-7/8	2	50.00	Standard
N-A	10.500	6-1/4	6.990	10.250	4-1/2	8-1/2	2	75.00	Mount
P-A	13.000	7-1/4	8.240			10	2	155.00	Only
W-A	15.500	9	10.437			12-3/4	2	300.00	

\* Tolerance JA-A thru J-A = (+0.000-0.002), M-A thru W-A = (+0.000-0.003)

The taper on all Q-Bushed weld-on hubs is 3/4" per foot on diameter.

# WELD-ON HUBS



## Split-Taper-Bushed Weld-On Hubs

Hole No.	Bushing	OD	B	J§	A*	KΔ	D <sub>1</sub>	W	L	a	b	Tapped Holes		App. Wt. (Lbs.)
												No.	Screws	
HH1*	H	2-1/2	0.174	1.621	2.375		2		7/8	45°	7/8	2	1/4-20	0.6
HCH1*	H	2-1/2	0.625	1.621	2.375		2		7/8	45°	7/8	2	1/4-20	0.7
HP1	P1	3	0.292	1.938	2.875	1-3/32	2-7/16	3/8	1-5/16	60°	5/8	3	5/16-18	1.4
HCP1	P1	3	1.000	1.938	2.875	1-3/32	2-7/16	3/8	1-5/16	60°	5/8	3	5/16-18	1.1
HP2	P2	3	1.100	1.938	2.875	1-3/32	2-7/16	3/8	2-5/16	60°	5/8	3	5/16-18	2.5
HQ1	Q1	4-1/2	0.709	2.875	4.375	1-9/16	3-3/8	1/2	1-3/4	60°	7/8	3	3/8-16	4.4
HQ1-80	Q1	4-1/2	0.575	2.875	4.375	1-9/16	3-3/8	1/2	1-3/4	60°	7/8	3	3/8-16	4.5
HCQ1	Q1	4-1/2	1.250	2.875	4.375	1-9/16	3-3/8	1/2	1-3/4	60°	7/8	3	3/8-16	4.4
HQ2	Q2	4-1/2	1.606	2.875	4.375	1-9/16	3-3/8	1/2	2-3/4	60°	7/8	3	3/8-16	6.9
HR1	R1	5-3/4	0.709	4.000	5.625	2-3/16	4-5/8	3/4	2	60°	1-1/8	3	3/8-16	7.3
HR1-80	R1	5-3/4	0.575	4.000	5.625	2-3/16	4-5/8	3/4	2	60°	1-1/8	3	3/8-16	7.3
HR1-120	R1	5-3/4	0.925	4.000	5.625	2-3/16	4-5/8	3/4	2	60°	1-1/8	3	3/8-16	7.3
HR1-160	R1	5-3/4	1.125	4.000	5.625	2-3/16	4-5/8	3/4	2	60°	1-1/8	3	3/8-16	7.3
HR2	R2	5-3/4	1.600	4.000	5.625	2-3/16	4-5/8	3/4	4	60°	1-1/8	3	3/8-16	15.4
HS1	S1	6-3/4	0.946	4.625	6.500	2-9/16	5-3/8	3/4	3-5/16	60°	1-5/8	3	1/2-13	17.3
HS1-160	S1	6-3/4	1.125	4.675	6.500	2-9/16	5-3/8	3/4	3-5/16	60°	1-5/8	3	1/2-13	17.3
HS2	S2	6-3/4	2.963	4.625	6.500	2-9/16	5-3/8	3/4	5-11/16	60°	1-5/8	3	1/2-13	30.4
HU0	U0	8-1/2	2.000	6.000	8.250	3-1/4	7	1-1/4	3-3/4	60°	2	3	5/8-11	32.0
HU1	U1	8-1/2	2.963	6.000	8.250	3-1/4	7	1-1/4	5-5/8	60°	1-3/4	3	5/8-11	44.6

\* A second pilot hole is positioned 180° from the hole on angle a.

The taper on all Split-Taper-Bushed weld-on hubs is 3/4" per foot on diameter.

Tolerance: § +0.02-0.000 \* +0.01-0.005 Δ +0.15-0.000