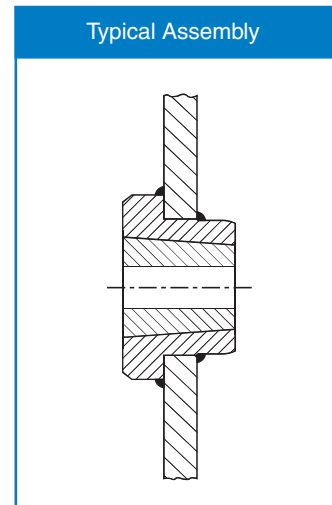
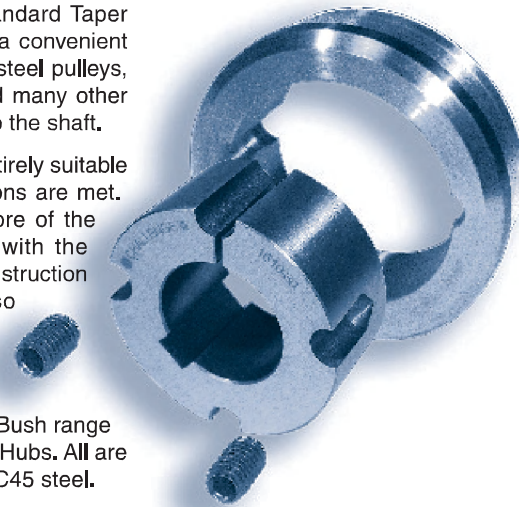


# Weld-on-Hubs

Taper Bore Weld-on-Hubs are made out of steel, drilled, tapped and taper bored to receive standard Taper Bushes. The extended flange provides a convenient means of welding hubs into fan rotors, steel pulleys, plate sprockets, impellers, agitators and many other devices which must be firmly fastened to the shaft.

Weld-on-Hubs are easy to install and entirely suitable for use where severe operating conditions are met. Tightening the screws contracts the bore of the bush, thereby locking it to the shaft with the equivalent of press fit. This type of construction eliminates mounting difficulties, it also prevents loosening and wear on the hub during operation.

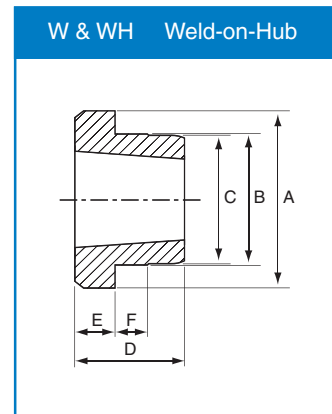
Challenge Weld-on-Hubs are manufactured to complement the Taper Bush range and include W, WH and WM Taper Bore Hubs. All are manufactured to world standards using C45 steel.



## W Weld-on-Hubs

Hub Reference	Bush Size	A	B	C	D	E	F	F1	X
W12	1215	73.03	63.50	62.71	38.10	15.88	9.53		
W16	1615	82.55	73.03	72.24	38.10	15.88	9.53		
W25	2517	127.00	111.13	110.34	44.45	19.05	12.70		
WG30	3030	149.86	133.35	132.56	76.20	25.40	19.05	23	23
WG35	3535	184.15	158.75	157.96	88.90	31.75	25.40	30	30
WG40	4040	225.43	196.85	196.06	101.60	31.75	31.75	34	34
WG45	4545	254.00	222.25	221.46	114.30	38.10	38.10	38	38
WG50	5050	276.00	241.00	240.25	127.00	38.10	38.10	42	42
WG60	6050	375.00	343.00	342.00	127.00	38.10	38.10	42	42
WG70	7060	425.00	375.00	374.00	153.00	51.00	51.00	51	51
WG80	8065	445.00	394.00	393.00	165.00	51.00	51.00	55	55
WG100	10085	559.00	495.00	494.00	216.00	51.00	51.00	72	72

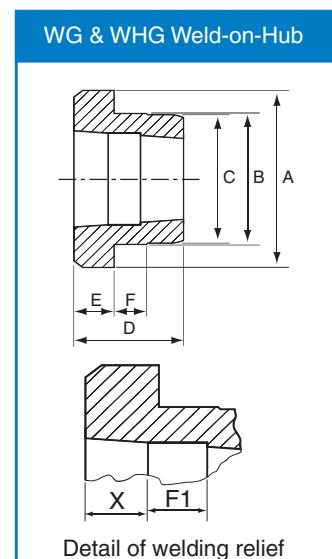
"G" notation represents welding relief.



## WH Weld-on-Hubs

Hub Reference	Bush Size	A	B	C	D	E	F	F1	X
WH12	1210	70	65	64.5	25	9	10	-	-
WH16-1	1610	80	75	74.5	25	9	10	-	-
WH20	2012	95	90	89.5	32	12	12	-	-
WH25	2517	115	110	109.5	44	19	15	-	-
WHG30-2	3020	145	140	139.5	50	20	15	17	17
WHG35	3525	190	180	179.5	65	25	25	22	22
WHG40-1	4030	200	190	189.0	76	32	30	25	25
WHG40-2	4040	200	190	189.5	101	32	30	34	34
WHG45-1	4535	210	200	199.5	89	40	30	30	30
WHG45-2	4545	210	200	199.5	114	40	30	38	38
WHG50-1	5040	230	220	219.5	102	40	35	34	34
WHG50-2	5050	230	220	219.5	127	40	35	42	42

"G" notation represents welding relief.



# Weld-on-Hubs

## WM Weld-on-Hubs

Hub Reference	Bush Size	A	B	C	D	E	F	F1	X
WMG12	1210	70	60	58	26	9	10	9	9
WMG16-1	1610	83	70	68	26	9	10	9	9
WMG16-2	1615	83	70	68	38	16	11	13	13
WMG20	2012	95	90	88	32	12	12	11	11
WMG25	2517	127	110	108	44	19	13	15	15
WMG30-2	3020	152	130	125	50	20	15	17	17
WMG30-3	3030	152	130	125	76	25	19	25	25
WMG35	3535	184	155	151	89	32	25	30	30
WMG40	4040	225	195	187	102	32	32	34	34
WMG45	4545	254	220	213	114	38	38	38	38
WMG50	5050	276	242	228	127	38	38	42	42

“G” notation represents welding relief.

