

These axle assemblies are for mounting pairs of wheels fitted with ball or roller bearings, the lock nuts and washers, or self locking nuts providing adjustment for opposed taper roller bearings.

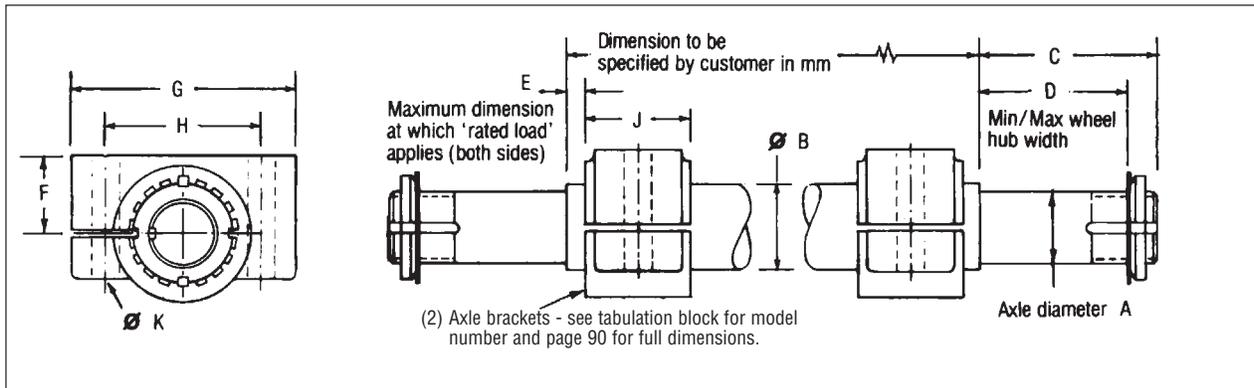
Axle diameter 'A' and dimension 'D' should be selected to match the bearing bore and hub width of the wheels to be fitted.

The slotted axle brackets allow lateral positioning of the axle and wheels for alignment on installation – see "Axle Brackets" on page 89.

The assembly is supplied complete with axle brackets, bearing retaining/adjustment nuts, and locking washers.

**AXLE MATERIAL:**

Steel to BS970: Part 1:  
1983:606M36 or 605M36.



A Axle Ø	PART NUMBER	Max load rating kg*	Ø B	C	D		E	F	G	H	J	Ø K	AXLE BRACKET
					min	max							
25	A25/****	1500	30	62	40	52	75	35	105	70	40	12	B1/30
30	A30/****	2500	35	75	50	65	75	35	105	70	40	12	B1/35
35	A35/****	3000	40	97	60	85	100	35	105	70	40	12	B1/40
40	A40/****	4000	50	113	85	100	100	45	130	90	50	16	B2/50
50	A50/****	6300	60	128	85	110	120	60	170	120	65	20	B3/60
60	A60/****	8500	70	130	85	110	120	60	170	120	65	20	B3/70
75	A75/****	12000	85	150	85	110	150	75	210	150	80	24	B4/85

\*\*\*\* Denotes dimension between bearing abutment shoulders in mm to be specified by the customer.

\* The 'Maximum Load Rating' applies per wheel:

- i) to gradually applied loads. For shock loads multiply by a 'shock loading factor' of 0.65.
- ii) to radial loads only. Where axial loads are to be applied in conjunction with radial loads, refer to HMC-Brauer for allowable loads.
- iii) with axle brackets positioned within 'dimension E'.