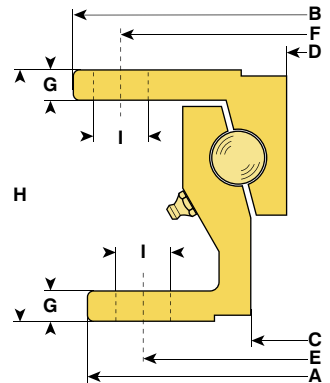




**i** HE and SO series turntables are not suitable for mechanical handling applications, see KDL series on pages 96 97

All turntables supplied primed for corrosion protection

In the case of use above a steered axle or above a fifth wheel on semi-trailers with rear axle steering, please enquire for load data giving details of the vehicle

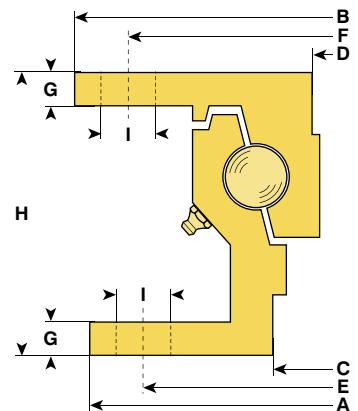


## HE SERIES

FOR DRAWBAR AND SPECIAL TRAILERS

A	B	C	D	E *	F *	G	H	I	approx. weight	load cap. (tonnes) **	reference
685	700	588	567	657	671	9	80	undrilled	32	3.00	HE4
880	895	783	762	852	866	9	80	16	43	5.00	HE5
1000	1015	903	882	972	986	9	80	undrilled	48	6.00	HE6/1000
1090	1105	993	972	1060	1074	9	80	18	52	6.50	HE6
1000	1008	886	859	960	974	10	90	undrilled	63	7.00	HE12/1000
1100	1108	986	959	1060	1074	10	90	18	69	8.00	HE12
1000	1008	886	859	960	974	10	90	undrilled	63	8.00	HE18/1000
1100	1108	986	959	1060	1074	10	90	18	69	10.00	HE18
1000	1008	886	859	960	974	10	90	undrilled	63	10.00	HE1000/22
1100	1108	986	959	1060	1074	10	90	18	69	12.00	HE1100/22
1200	1208	1086	1059	1160	1174	10	90	18	76	13.00	HE1200/22

**i** \* Recommended drilling measurements for undrilled turntables  
 \*\* For speeds below 30kph, the axial loads may be exceeded by 20% and by 10% for full trailers with 2 axles. Load capacities given are applicable if the turntable is mounted to the front of a trailer with 3 axles at speeds of up to 105kph and only valid for operation on paved roads and under conditions prevailing in Europe



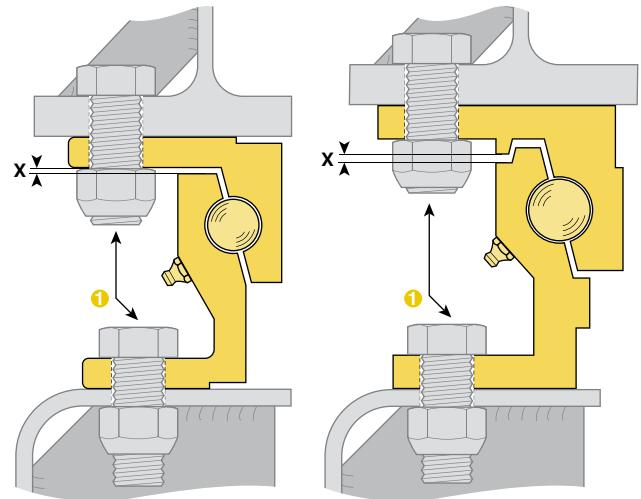
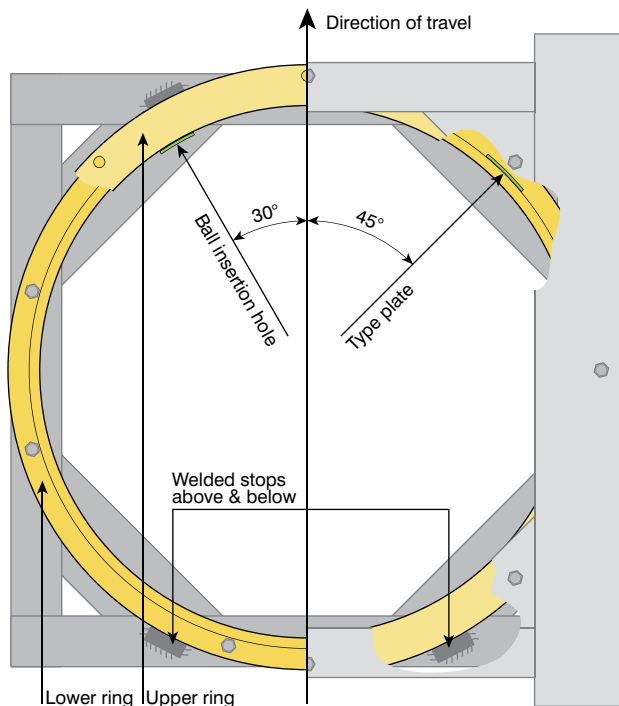
## SO SERIES

FOR DRAWBAR AND SPECIAL TRAILERS

A	B	C	D	E *	F *	G	H	I	approx. weight	load cap. (tonnes) **	reference
987	1000	871	844	952	966	10	90	undrilled	72	12.00	SO1000/24
1095	1108	979	952	1060	1074	10	90	18	82	16.00	SO1100/24

**i** \* Recommended drilling measurements for undrilled turntables  
 \*\* For speeds below 30kph, the axial loads may be exceeded by 20% and by 10% for full trailers with 2 axles. Load capacities given are applicable if the turntable is mounted to the front of a trailer with 3 axles at speeds of up to 105kph and only valid for operation on paved roads and under conditions prevailing in Europe

**i** All dimensions are in mm and all loadings are in kg unless otherwise stated and are subject to manufacturer's standard tolerances



1 Alternative mounting with head of bolt underneath counter nut also admissible

- 1 The ball bearing turntable must be mounted on a completely flat and rigid base with at least 50% of the circumference adequately supported. Particular attention must be paid to the support of the web section area containing the ball bearing races. Any unevenness under the flanges can be corrected with metal strips or by filling in with plastic metal.
- 2 Each flange must be attached with a minimum of 8 high tensile bolts grade 8.8, preferably M14 x 1.5 or M16 x 1.5 .  
  
Do not drill in the area of the type plate (or ball insertion hole which should be located at less than 40° to the direction of travel).
- 3 To ease the shear load on the mounting bolts in the case of horizontal force at least 4 blocks should be welded on immediately adjoining each flange. The ball bearing turntable must not be mounted by means of welding.
- 4 The turntables are lubricated with a lubricant suitable for the type of operation and the adherent operating conditions before they leave the factory, however the turntable must be adequately re-lubricated before the trailer is put into operation for the first time. The re-lubrication should build up a collar of grease in the gap between the 2 rings of the turntable thus preventing ingress of grit and water into the ball races.
- 5 The ball bearing turntable must be lubricated according to use but at least once a month with a lubricant suitable for the type of operation and the adherent operating conditions. While lubricating the A-frame should be turned so that the grease is evenly distributed and a collar of grease is built up in the gap between the two rings. The tightness of the mounting bolts should also be checked.

- 6 Ball bearing turntables are subject to wear. The limit of wear is reached when the axial play is 3.5mm. This is at the latest the case when the air gap  $X = 0\text{mm}$  at any point on the circumference of the turntable.

**i** All dimensions are in **mm** and all loadings are in **kg** unless otherwise stated