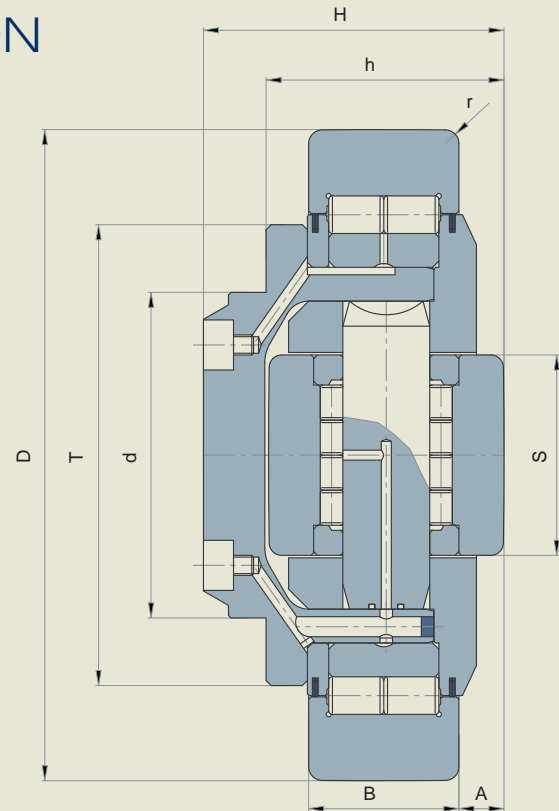


# ADJUSTABLE COMBINATION BEARINGS FOR HEAVY INDUSTRY

Large adjustable combination bearings designed for very high loads.

They are mainly used for masts of fork lifts up to 50TN and in steel industry where they are used as a wheel for rolling mills carrying cars.



Part Number	d	T	D	H	h	B	A	S	r	C	C <sub>0</sub>	C <sub>a</sub>	C <sub>0a</sub>
	mm	mm	mm	mm	mm	mm	mm	mm	mm	KN	KN	KN	KN
T4069	70	98	170	109,7	84,7	51	11,2	49,7	4	195	361	83	129
T4087	80	115	185	100	75	47	15	49,7	3	235	440	83	130
T4019	110	150	220	115	90	60	13,5	70	5	367	719	103	230
T4038	130	184	260	120	95	60	18,5	80	5	475	1.000	167	279
T4274	150	187	260	135	110	80	10	80	5	566	1.300	167	279
T4088	140	190	300	140	110	80	10	86	8	549	1.272	195	335
T4278	140	240	315	240	120	89	10	100	8	785	1.690	227	392
T4084	140	240	340	150	120	89	10	100	8	785	1.690	227	392
T4275	170	242	390	200	150	118	11	100	8	1.076	2.535	227	392

THE BEARINGS ARE SUPPLIED WITH ZZ SEALS BUT HAVE AN OPTION FOR 2RS SEALS ON REQUEST.

C : Dynamic load      C<sub>0</sub> : Static load      C<sub>a</sub> : Dynamic axial load      C<sub>0a</sub> : Static axial load

The adjusting of "A" size is made through washer rings put between the main support roll and the lateral guide bearing. Adjusting washers with 0,3-0,5-1 mm thickness are available.

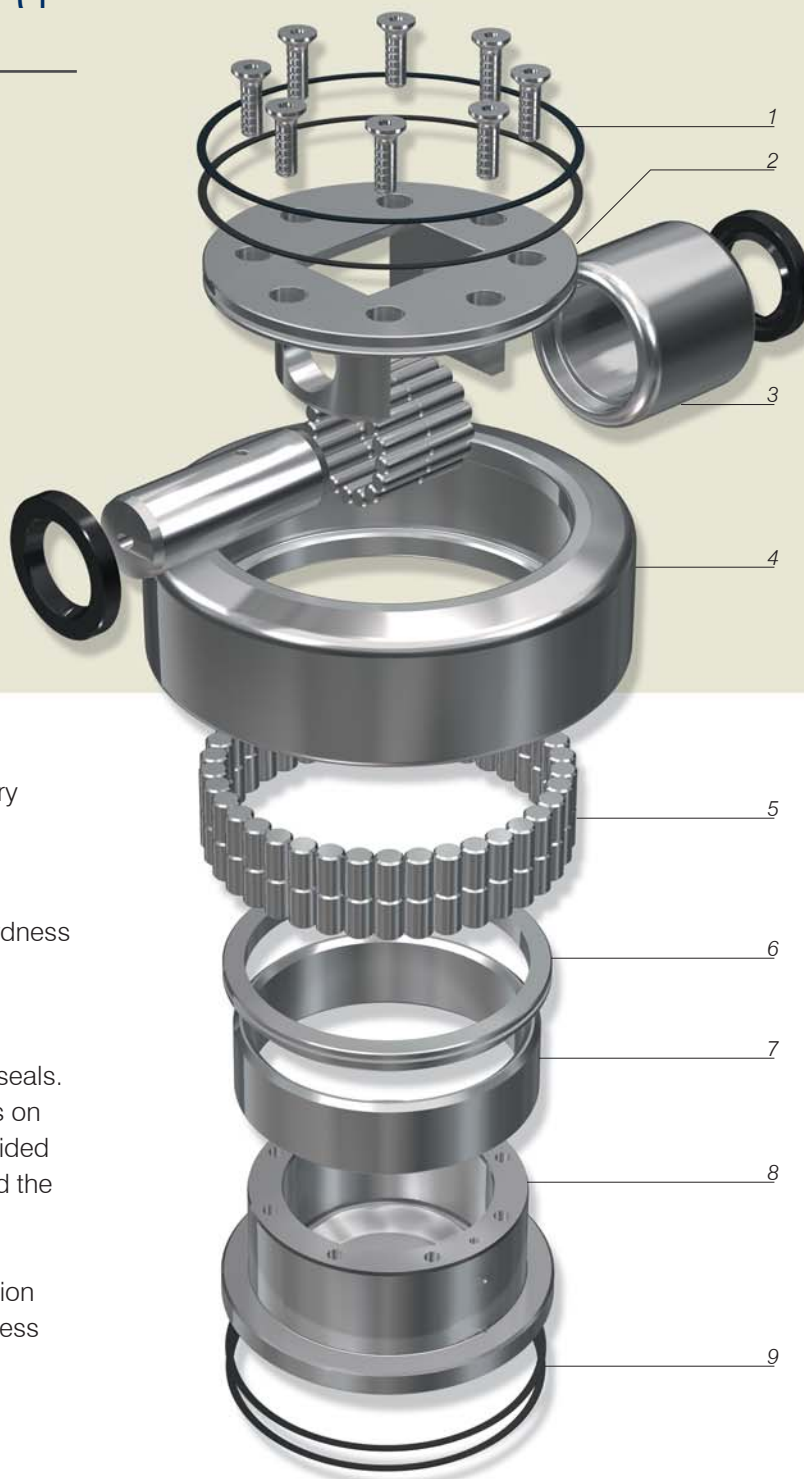
The bearings are supplied with lubrication holes.





# ADJUSTABLE COMBINATION BEARINGS FOR HEAVY INDUSTRY

- 
1. FEY SEAL RINGS
  2. SUPPORT
  3. AXIAL PART
  4. OUTER RING
  5. CYLINDRICAL ROLLERS
  6. SUPPORT THRUST RING
  7. INNER RING
  8. PIVOT
  9. FEY SEAL RINGS
- 



Adjustable combination bearings for heavy industry have the following features:

- The outer ring and the axial roller are made of 18NiCrMo5 cementation steel. The surface hardness is 60-2 HRC.
- The inner ring and axial pin are made of core hardened 100Cr6 with hardness 60+2 HRC.
- These bearings are normally supplied with ZZ seals. They can also be manufactured with 2RS seals on request. All the bearings of this series are provided with a lubrication system both for the radial and the axial part.
- The thrust ring is made of cementation steel.
- The central pivot is made of 16CrNi4 cementation steel which guarantees a high resistance to stress and is for good welding.