

AS30 One Way Clutches Roller Type (30x62x16mm) One Way Bearings Stiebe

A . One Way Clutches Roller Type Parameters

Brand- TMP
number- AS30
ng(mm)- 30
ng(mm)- 62
th(mm)- 16
ight(Kg)- 0.22
ue(Nm)- 90
aterials- GCR15
Series- AS
ion type- Grease/oil
tch type- Roller
recision- P0
tructure- Type AS is a roller type freewheel non-bearing supported.

B . AS30 One Way Clutches Roller Type Specification Sheet

Model Number	Diameter(mm)							Drag torque	Overrunning speeds		Weight (kg)	Drag torque TR [Ncm]
	d	Dr6	D5	L	s	e	f	TKN 1 [Nm]	ni (r/min)	na (r/min)		
AS30	30	62	55	16	2.4	0.8	1	90	1600	2400	0.22	7.8

C . AS Series One Way Clutches Roller Type Details

Product One Way Clutches Roller Type mainly used as Overrunning and Indexing clutches;
 Overrunning clutches: The freewheel disengages automatically when the driven member rotates faster than the driving member.
 Indexing clutch: The freewheel allows the conversion of reciprocating motion into a discontinuous rotational movement.

Series Introduction Type AS is a roller type freewheel non-bearing supported. Bearings are required to support axial and radial loads. Lubrication and sealing must also be provided by the installation. Nominal outside dimensions are the same as series 62.. ball bearings.
 A typical arrangement is to install this type alongside a series 62 bearing within the same location tolerances, as shown on the following page. The inner race is keyed to the shaft (except 6 mm bore). The outer race has a positive r6 tolerance to give a press fit in a H7 housing. The outer housing must be strong enough to not expand after assembly. This design can accept an axial misalignment of inner and outer race of $\pm S/2$.

Series Model No. [AS6](#) [AS8](#) [AS10](#) [AS12](#) [AS15](#) [AS20](#) [AS25](#) [AS30](#) [AS35](#) [AS40](#) [AS45](#) [AS50](#) [AS55](#) [AS60](#) [AS80](#)
[NSS6](#) [NSS8](#) [NSS10](#) [NSS12](#) [NSS15](#) [NSS20](#) [NSS25](#) [NSS30](#) [NSS35](#) [NSS40](#) [NSS45](#) [NSS50](#) [NSS55](#) [NSS60](#) [NSS80](#)

Applications Reducers , Flender Gearbox ,SEW Gearbox;
 Overrunning clutch: for multiple-machine drives or to separate the inertia of masses of a driven machine from the driving machine after it has been switched off.
 Indexing clutch: which turns a shaft step by step, thus achieving indexed material feed or a variable speed.
 Backstop clutch: to prevent a machine shaft turning backwards. In this case the overrunning clutch acts as a brake.

D . AS type One Way Clutches Roller Type Installation & Cautions

For all freewheel inner races connected to shaft by a key, our standard bore tolerance is H7, with keyway to JS10. If no other indication we recommend a shaft tolerance of h6 or j6. For maximum indexing accuracy, adjusted keys should be machined to give no clearance.

Shaft and bore tolerances are specified on the pages for each type where press fitting is appropriate. As with standard bearings, suitable tooling must be used for press fitting such that no axial load is transmitted through the inner part of the

<http://www.aliexpress.com/store/1500617>

<http://www.aliexpress.com/store/1462552>

<http://www.tradebearings.com/so21986/>

<http://tmpmachine.sell.everychina.com/>

<http://so21986.tradeprince.com/>

[TMP Bearings](#), [Crossed roller bearing](#), [Thin section bearing](#), [Turntable bearing](#), [Ceramic Ball Bearings](#), [Bearing](#), [Slewing bearing](#), [Robotic bearing](#), [YRT Rotary Table Bearing](#), [Angular Contact Ball Bearing](#), [Thin section ball bearing](#) , [One Way Clutches](#), [One Way Bearings](#), [Drawn Cup Roller Clutches](#), [Overrunning clutches](#), [Indexing clutches](#), [Backstop clutches](#)