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Our local Representative:

GMN







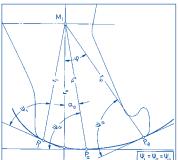
SPRAG-TYPE FREEWHEEL-CLUTCHES

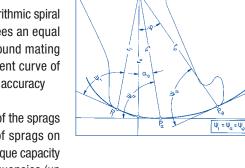
Freewheels are unidirectional couplings, transmitting or supporting torque in one direction by friction and allowing idling in the opposite direction.

GMN manufactures sprag type clutches of two different sprag sizes to be used as indexing devices, backstops or overrunning clutches.



- 4 mm high sprags
- Small to middle sizes d = 2-80 mm
- . The special geometric shape of the logarithmic spiral along the engagement curve guarantees an equal pitch angle between the sprags and round mating parts in each position of the engagement curve of $\alpha = 3^{\circ}$. Advantage: maximum indexing accuracy and reliability
- · Based on the very small head surface of the sprags we may install a very large number of sprags on a given space resulting in a very high torque capacity
- Small masses allow high indexing frequencies (up to 60 Hz) due to low inertia





Einbauraum B ±0,5

Type Series 8000

• 8,33 mm high sprags

Ball Bearing Freewheel-

with press fit or keyway at

Inner- and press fit at Outer

Ring; available sizes 6203 to

Clutches

6208

- For middle sizes of d = 38-150 mm
- For higher torque requirement

Available Types

FE8000 - Insert Elements: Basic elements, without bearing support; the mating parts are customer made

Roller Ramp Clutches

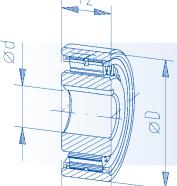
Please note also as supplement to our Series 400 and Series 8000 our Roller Ramp Line: The products are interchangeable to standard roller ramp clutches in the market.



Available Types

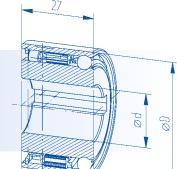
Insert Elements Basic elements without bearing

support – the mating parts are customer made



Insert Elements with Inner- and Outer Ring

including Inner- and Outer Ring with press fit or keyway at Inner- and press fit at Outer Ring, without bearing support



Complete Units

with press fit or keyway at Inner- and press fit at Outer Ring; incl. bearing support; double sealed and filled up with oil for life-time available, too



equest we produce customer oriented specials in many variations, changing the mating diameters or changing the torque rate to real nits based on the users re-quirements. Please show us your clutch - we will offer the best solution, technically and commercially.

Back stops

with momentum lever

Complete Unit: with bearing

support, double sealed, filled

up with oil for life-time and



GMN



