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|---------------------------|---------------------------------|
| Part Number | FE 8080 Z 16 |
| Type | Freewheel Clutch Insert Element |
| Spring | Z (Tension) |
| With Hardened Steel Rings | No |

Geometrical Data

| | | |
|----------------|--------|-------|
| Inner Diameter | d [mm] | 80.00 |
| Outer Diameter | D [mm] | 96.66 |
| Width | W [mm] | 16 |
| Weight | [kg] | 0.141 |

Shaft & Housing Tolerances

| | |
|--------------------------|--|
| Shaft Tolerance | h6 |
| Housing Tolerance | H6 |
| Shaft & Housing Hardness | HRC 60 ⁺⁴ , Ehd ¹ ≥ 1.3 mm |
| Shaft & Housing Surface | R _z ≤ 2.5 μm |
| Shaft & Housing Chamfer | 1mm x 15° |

Ratings

| | | |
|----------------------------|---------|---------|
| Nominal Torque | [Nm] | 1,848 |
| Nominal Torque | [ft-lb] | 1,363.0 |
| Max. Indexing Frequency | [Hz] | 5 |
| Max. Operating Temperature | [°C] | 170 |

Notes:

1. Effective hardness depth, equivalent to case hardness depth (CHD).
2. Stated torque rating is contingent on utilizing specified tolerances, correct installation techniques, and an operating temperature below the specified maximums. If specific applications differ, please consult GMN USA engineers.