


**The Timken Company**

4500 Mt Pleasant St. NW

N. Canton, OH 44720

**Phone:** (234) 262-3000

**E-Mail:** [CustomerCAD@timken.com](mailto:CustomerCAD@timken.com) • **Web site:** [www.timken.com](http://www.timken.com)

## Sprocket No. 012-8012-S, Roller Chain Idler Sprockets

### ROLLER CHAIN IDLER SPROCKETS

- The sintered-steel sprockets are hardened and perform well at an economical cost.
- The roller chain idler sprocket replaces the hardened plate steel sprockets on most applications.
- All units are non-relubricatable.

**To order, specify SPROCKET NUMBER.**

Example: 010-5017S Idler Sprocket.

Order all bearings with E8728 specification.


[Specifications](#) | [Dimensions](#)

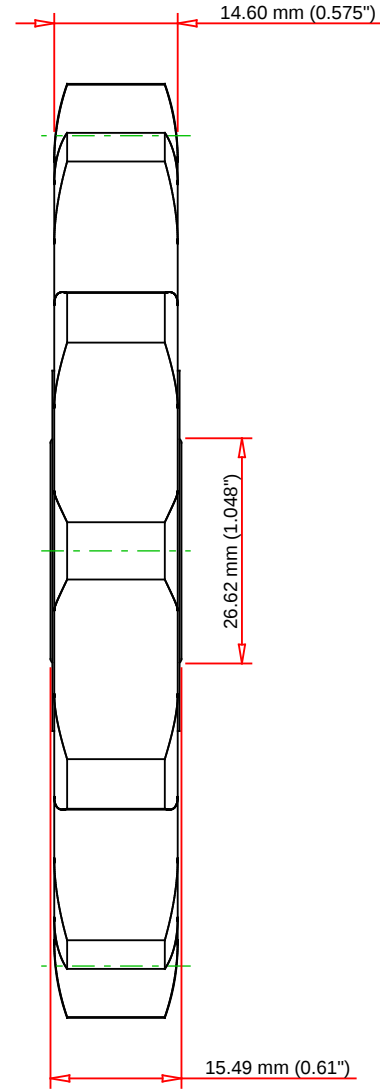
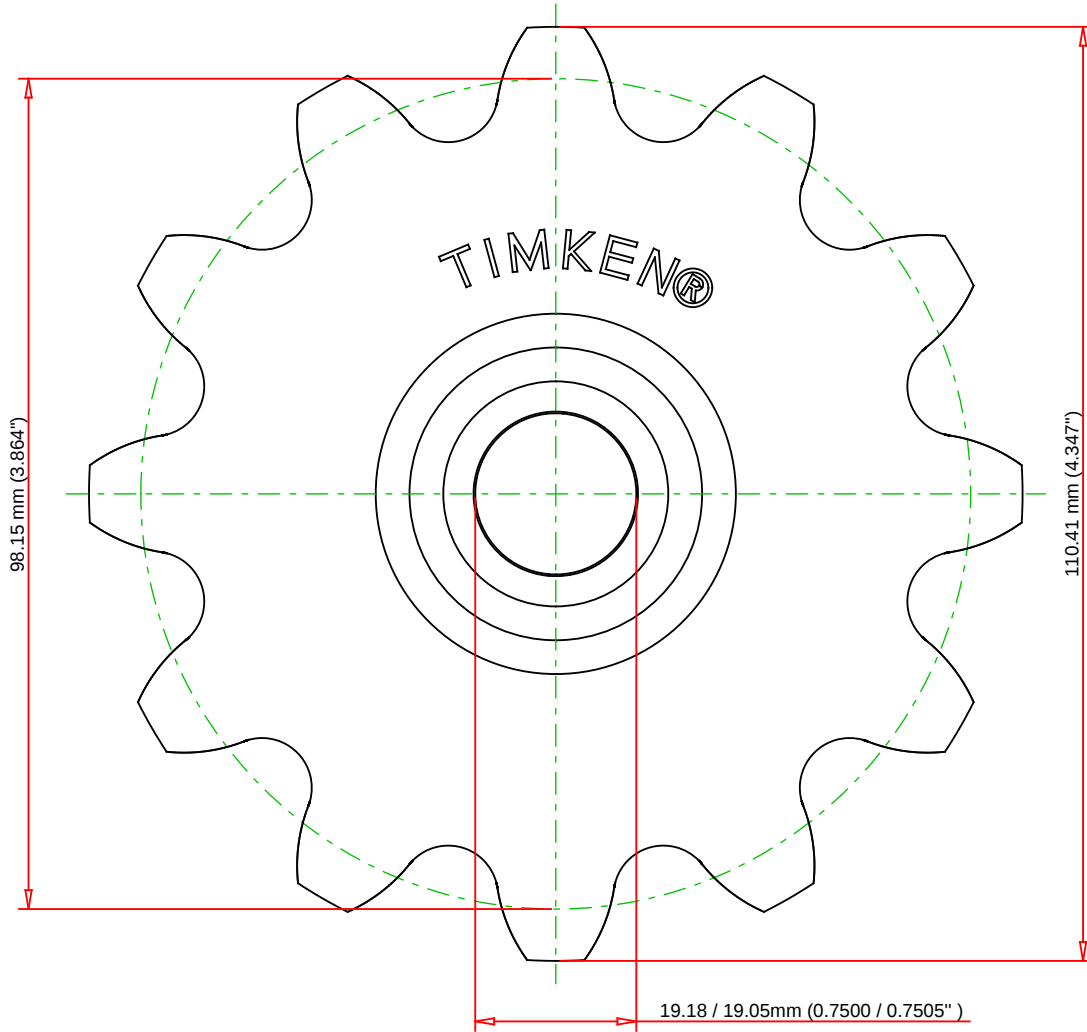
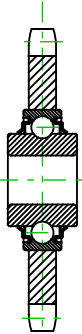
### Specifications

|                                                                                                |                                        |
|------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>Bearing No.</b>                                                                             | 204RR6                                 |
| <b>Bore - d1</b>                                                                               | 19.18 / 19.05 mm<br>0.7500 / 0.7505 in |
| <b>A.S.A. Chain No.</b>                                                                        | 80                                     |
| <b>No. of Teeth</b>                                                                            | 12                                     |
|  <b>itch</b> | 25.4 mm<br>1 in                        |

|                                                  |                   |
|--------------------------------------------------|-------------------|
| <b>Bearing Radial Load Rating at<br/>500 RPM</b> | 4800 N<br>1080 lb |
|--------------------------------------------------|-------------------|

Dimensions

|                    |                       |
|--------------------|-----------------------|
| <b>Dimension P</b> | 98.15 mm<br>3.864 in  |
| <b>Dimension D</b> | 110.41 mm<br>4.347 in |
| <b>Dimension A</b> | 14.60 mm<br>0.575 in  |
| <b>Dimension F</b> | 26.62 mm<br>1.048 in  |
| <b>Dimension B</b> | 15.49 mm<br>0.61 in   |



Note: Section View not to Scale

|                                                                                                                                                                                        |        |      |          |         |                                            |                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|----------|---------|--------------------------------------------|----------------------------------------------|
|                                                                                                                                                                                        |        |      |          | TIMKEN® | 012-8012-S<br>Roller Chain Idler Sprockets |                                              |
|                                                                                                                                                                                        |        |      |          |         |                                            |                                              |
|                                                                                                                                                                                        | Weight | 1.49 | lb 0.676 | kg      |                                            |                                              |
|                                                                                                                                                                                        |        |      |          |         |                                            | THE TIMKEN COMPANY<br>NORTH CANTON, OHIO USA |
|                                                                                                                                                                                        |        |      |          |         |                                            |                                              |
| Every reasonable effort has been made to ensure the accuracy of the information contained in this writing, but no liability is accepted for errors, omissions or for any other reason. |        |      |          |         | FOR DISCUSSION ONLY                        |                                              |