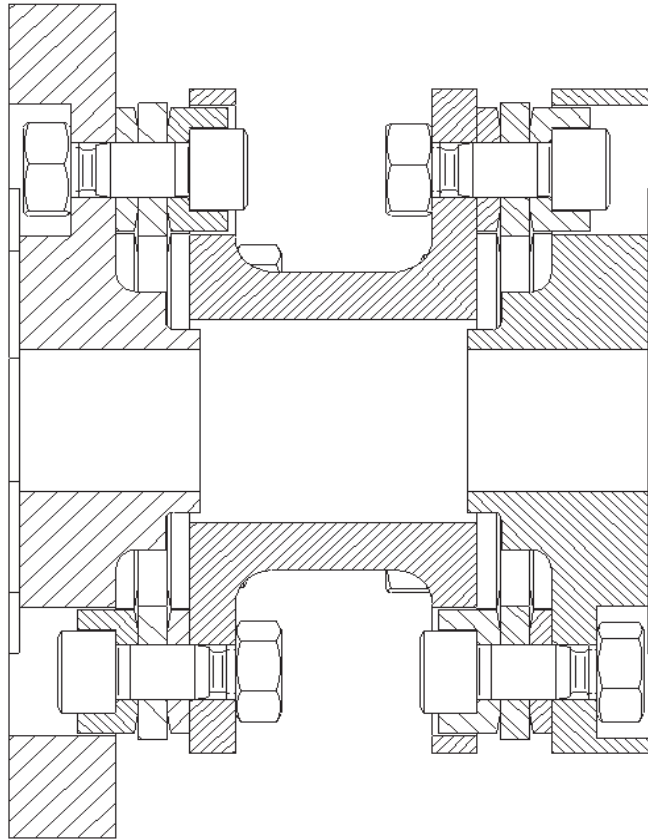


Extended guard ring option (left)
compared to standard guard ring (right)



Introduction

The following instructions are provided to familiarize the user with the extended guard ring option and its designated use.

IMPORTANT These instructions must be used in conjunction with the TSKS/TSCS fitting and maintenance instructions, and applied whenever work is carried out on the coupling.

NOTE: Data given on general arrangement drawings takes precedence over these instructions.

Scope of Supply

The extended guard ring is designed to act as an adaptor, to be able to fit a larger hub to one end of the coupling, in order to be able to increase maximum hub bore capacity.

The design stretches the guard ring at one side of the coupling, allowing fitment of a hub from a coupling one rating higher.

The extended guard ring option consists of

- Extended guard ring
- Larger hub (from higher rated coupling)
- Larger hub bolts

All other components are as per standard supply.

The extended guard ring option is only available for the following coupling sizes: 0014, 0025, 0055

Designation

A coupling with an extended guard ring will follow the same group coding characters as a standard coupling, with the exception of 'Group C', character 3.

- #### - 1234 - ####
Group A - Group B - Group C - Group D

This requirement will be indicated in the transmission unit by the letter 'E', and in the coupling assembly by the letter 'C' or 'D'.

This letter will be applied as the third character in Group C.

Examples:

TSCS - 0055 - 00E0 - 2500 or TDKS - 0014 - X3D8 - 0950

A transmission unit or coupling with an extended guard ring should be easy to identify by the difference in size between the two guard rings.

Spares

When requesting spares, always quote the full designation of the coupling (e.g., TSKS-0055-01D7-1500), clearly specifying that the coupling has an extended guard ring.

Installation

Please refer to the fitting and maintenance instructions for installation of hubs, transmission unit, shaft alignment and distance between shaft ends (DBSE). Substitute the data in the installation instructions with the data below for the extended guard ring end.

The extended guard ring assembly is factory assembled.

The coupling may be gagged as normal.

Installation Gaps for Extended Guard Ring End Only

The minimum and preferred installation gaps for the extended guard ring end will be larger than the standard end (See Table 1):

TABLE 1 - TSKS

Coupling Size	Installation Gap (mm)	
	Minimum	Preferred
0014	21	68
0025	21	68
0055	21	78

TABLE 1 - TSCS

Coupling Size	Installation Gap (inches)	
	Minimum	Preferred
0014	0.83	2.68
0025	0.83	2.68
0055	0.91	3.15

Tightening Torques for Extended Guard Ring End Only

Hub bolt tightening torques will increase for the extended guard ring end (see Table 2):

TABLE 2 - TSKS & TSCS

Coupling Size	Hub Bolt Tightening Torque (for lubricated bolts)	
	Nm	Lbf ft
0014	20	15
0025	20	15
0055	20	15



North America
United States of America
Tel: 1-847-967-2400
Fax: 1-847-967-3915

Europe
United Kingdom
Tel: 44-1753-224000
Fax: 44-1753-224224

Latin America
Brazil
Tel: 55-11-3371-2500
Fax: 55-11-3371-2599

Middle East & Africa
United Arab Emirates
Tel: 971-481-27800
Fax: 971-488-62830

Asia Pacific
Singapore
Tel: 65-6518-1800
Fax: 65-6518-1803

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