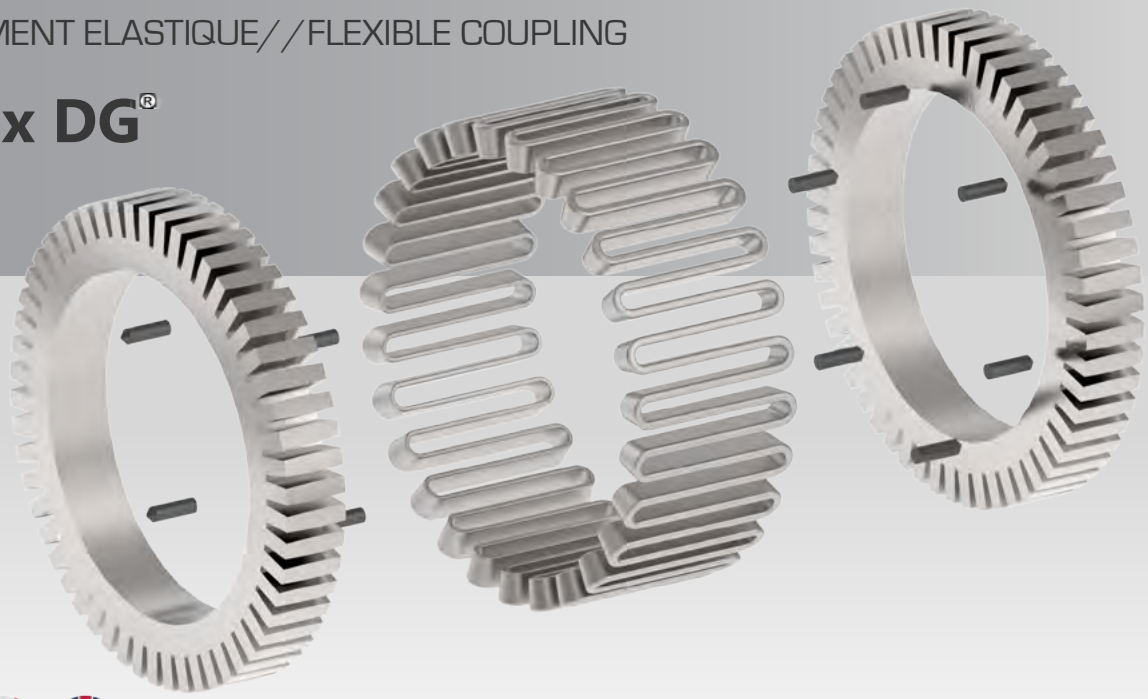
DRIVE SYSTEMS

# KIT DE REPARATION POUR ACCOUPLEMENTS A RESSORTS
# REPAIR KIT FOR GRID COUPLINGS

## ACCOUPLEMENT ELASTIQUE//FLEXIBLE COUPLING

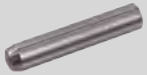
## Winflex DG®



GROUPE CIF

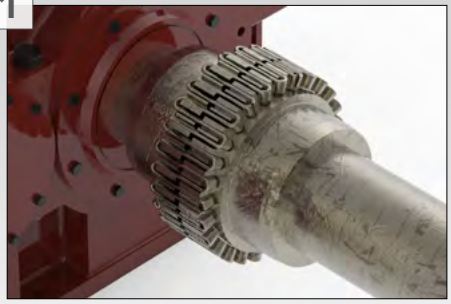
# REPAIR KIT FOR GRID COUPLINGS

## CONTENU DU KIT // KIT'S CONTENT

| | 15 DG | 16 DG | 17 DG | 18 DG | 19 DG | 20 DG |
|---|---|---|---|---|---|---|
| Frette<br>Shrink-fit ring | 2 | 2 | 2 | 2 | 2 | 2 |
| Segments de ressort<br>Spring segments | 3 | 3 | 4 | 4 | 4 | 4 |
| Goupilles<br>Pins  | 12 | 12 | 16 | 16 | 16 | 16 |

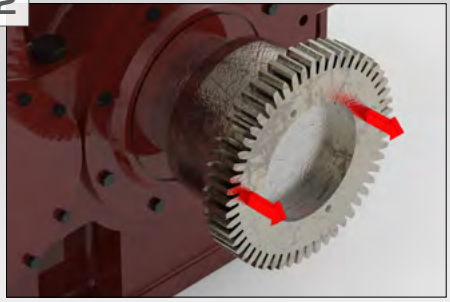
## INSTRUCTIONS // INSTRUCTIONS

1



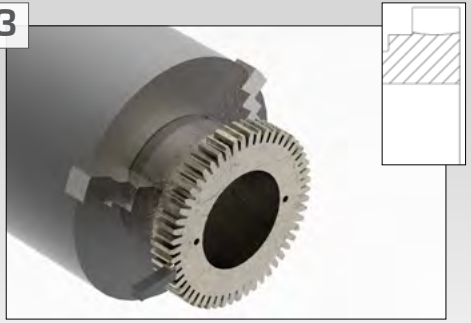
Démonter les boitiers, inspecter l'état des moyeux et du ressort.
Remove cover, check hubs and springs condition.

2



Extraire le moyeu.
Extract hub.

3



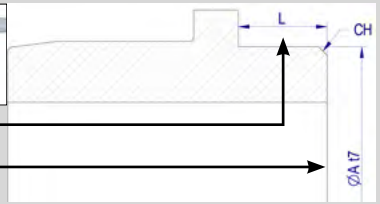
Installer le moyeu sur un tour.
Set hub on lathe.

**4**

Usiner le moyeu jusqu'aux dimensions indiquées dans le tableau ci-dessous.

Machine hub to dimensions in table below.

**5**

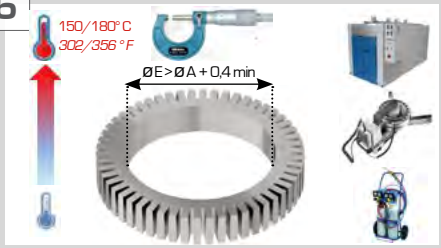



Vérifier les dimensions et tolérances.

Check dimensions and tolerances.

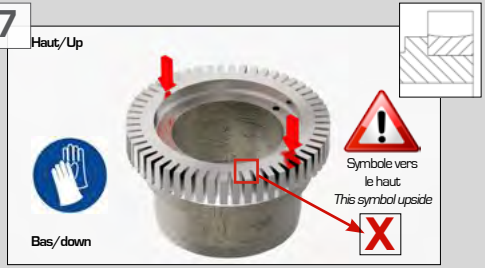
| CMD | Bibby Transmissions | FALK | L | | Ø A | | t7 | | Chanfrein (ChxCh) | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | inches | mm | inches | mm | inches | mm | inches |
| 15 DG | 2150H | 1150T10 | 50,8 (0 -0,1) | 2" (0 -0,004) | 263 | 10" 23/64 | +0,270 +0,218 | +0,011 +0,009 | 2 x 2 | 5/64" x 5/64" |
| 16 DG | 2160H | 1160T10 | 50,8 (0 -0,1) | 2" (0 -0,004) | 305 | 12" 1/64 | +0,292 +0,240 | +0,011 +0,009 | | |
| 17 DG | 2170H | 1170T10 | 50,8 (0 -0,1) | 2" (0 -0,004) | 355 | 13" 31/32 | +0,325 +0,268 | +0,013 +0,011 | | |
| 18 DG | 2180H | 1180T10 | 63,6 (0 -0,1) | 2" 1/2 (0 -0,004) | 397 | 15" 5/8 | +0,351 +0,294 | +0,014 +0,011 | | |
| 19 DG | 2190H | 1190T10 | 63,6 (0 -0,1) | 2" 1/2 (0 -0,004) | 435 | 17" 1/8 | +0,393 +0,330 | +0,015 +0,013 | | |
| 20 DG | 2200H | 1200T10 | 63,6 (0 -0,1) | 2" 1/2 (0 -0,004) | 495 | 19" 31/64 | +0,423 +0,360 | +0,017 +0,014 | | |

6




Chauffer uniformément la frette.
Vérifier la dimension Ø E.
Heat shrink-fit ring uniformly.
Check dimension Ø E.

7

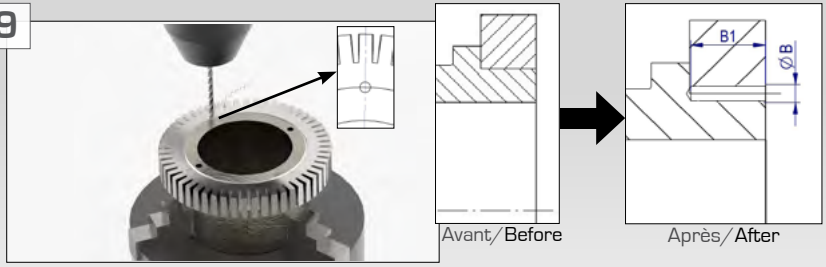



Monter la frette sur la portée jusqu'en butée en respectant le sens de montage (X vers le haut).
Faire tourner la frette.
Mount shrink-fit ring on hub until in contact after checking way of assembly (X mark on uppe rside).
Rotate shrink-fit ring.

8

Laisser refroidir puis vérifier le contact frette/butée en 4 points sur la périphérie.
Leave it to cool then check contact between hub and shrink-fit ring on 4 points.

9




Réaliser Q trous équidistants entre cuir et chair (cf tableau) et entre les demi-trous restants s'il y a.
Drill Q equidistant holes on parting diameter as indicated in the table and in between existing half holes if any.

10

Placer les goupilles.
Insert pins.

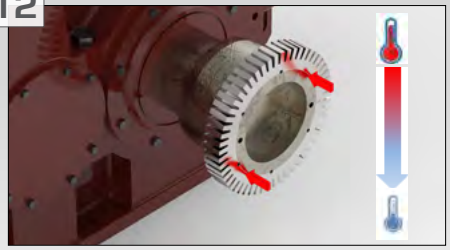
| CMD | Bibby Transmissions | FALK | Q (Trous par frette) (Holes by shrink-fit ring) | Ø B | | B1 | |
|---|---|---|---|---|---|---|---|
| | | | | mm (ISO) | inches | mm | inches |
| 15 DG | 2150H | 1150T10 | 6 | Ø12 | 1/2" | 50 | 1" 31/32 |
| 16 DG | 2160H | 1160T10 | 6 | Ø14 | 9/16" | 55 | 2" 11/64 |
| 17 DG | 2170H | 1170T10 | 8 | Ø14 | 9/16" | 55 | 2" 11/64 |
| 18 DG | 2180H | 1180T10 | 8 | Ø14 | 9/16" | 55 | 2" 11/64 |
| 19 DG | 2190H | 1190T10 | 8 | Ø16 | 11/16" | 55 | 2" 11/64 |
| 20 DG | 2200H | 1200T10 | 8 | Ø18 | 3/4" | 65 | 2" 9/16 |

**11**

Chauffer uniformément l'ensemble moyeu + frette pour faciliter le montage.

Heat hub and shrink-fit ring uniformly to facilitate assembly.

**12**



Monter le joint et le protéger de la chaleur. Monter le moyeu sur l'arbre et le laisser refroidir. Etancher la rainure si besoin.

Mount seal and protect it from heat, mount hub on shaft and leave it to cool. Seal groove if necessary.

**13**

Remonter l'accouplement complet (cf notice B 80.6401 EN).

Assemble coupling with new spring (for details, see note B 80.6401 EN).

## ATTENTION

Consultez les exigences légales, réglementaires ou spécifiques applicables aux equipements appropriés de protection des éléments tournants . Respecter toutes les règles de sécurité lors de l'installation ou de l'entretien des accouplements.

Veiller à consigner électriquement la machine motrice et à supprimer toute charge sur la machine à entrainer avant d'installer ou d'effectuer la maintenance des accouplements.

NOTRE SERVICE APRES-VENTE se tient à votre disposition pour tous conseils sur exploitation et assistance.

## CAUTION

Consult applicable local and national safety codes for proper guarding of rotating members. Observe all safety rules when installing or servicing couplings.

Lockout starting switch of prime mover and remove all external loads drive before installing or servicing couplings.

AFTER SALES SERVICE is available for any advice or service you may require.

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