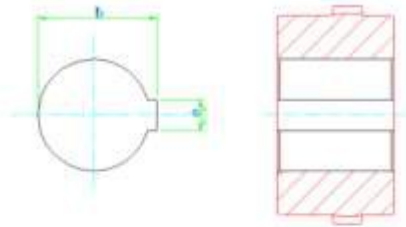
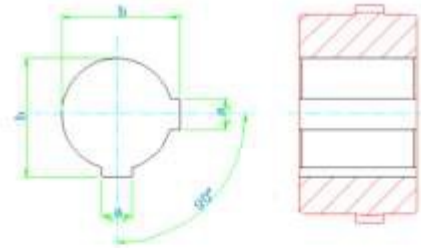


FINISHED BORE TYPOLOGY

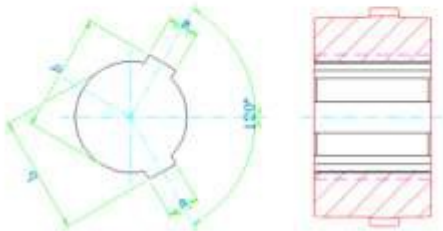
CYLINDRICAL FINISHED
BORE & 1 KEYWAY



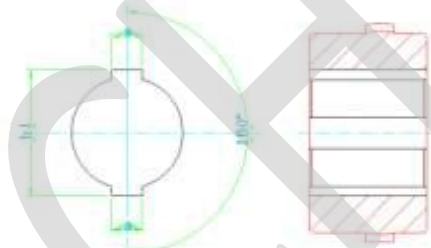
CYLINDRICAL FINISHED
BORE & 2 KEYWAYS @ 90°



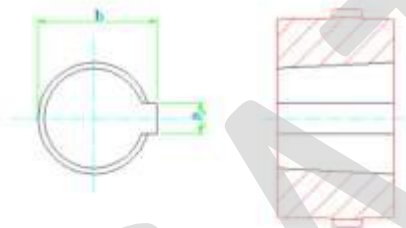
CYLINDRICAL FINISHED
BORE & 2 KEYWAYS @ 120°



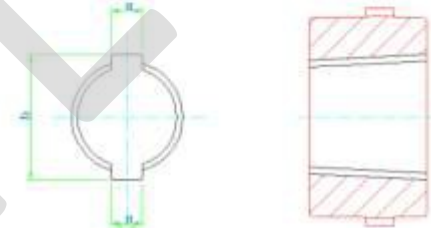
CYLINDRICAL FINISHED
BORE & 2 KEYWAYS @ 180°



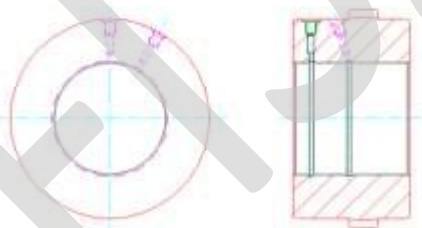
TAPERED FINISHED
BORE & 1 KEYWAY



TAPERED FINISHED
BORE & 2 KEYWAYS @ 180°



CYLINDRICAL FINISHED BORE WITH
SHRINK FITTING & OIL PRESSURE REMOVAL



INSTALLATION, MAINTENANCE & LUBRICATION

Instructions for installation:

- 1) Disassemble the gear coupling into its main components hubs and sleeves.
- 2) Ensure that all components are clean.
- 3) Place the sleeves or flanges seal covers on the shafts.
- 4) Run the pitch of the hubs on the shafts, if you proceed to heating of the hubs, never exceed a temperature of 170°C.
- 5) To ensure optimum lifetime of the gear coupling is necessary to perform the alignment of the shafts in a scrupulous way. To perform the alignment, use a comparator fixed on one of the two hubs and make it rotate on the other hub (fig.8), reading the value divided by two gives the value of the parallel misalignment. The angular misalignment must be checked with a comparator fixed on a hub and made to rotate on the facade of the other hub (fig.8), or with controlled thickness gauge in at least three position at 120°C (fig.9). In case of installation of gear couplings complete with extensions run laser alignment, if you can not use the laser, follow the instructions according to the figure 10.
- 6) After the shaft alignment is executed, proceed with the lubrication of the seals and the installation of the sleeves on the hubs.
- 7) Put together the sleeves using the screws provided with the gear coupling, that have to be tightened at the proper torque.(see fig.11)

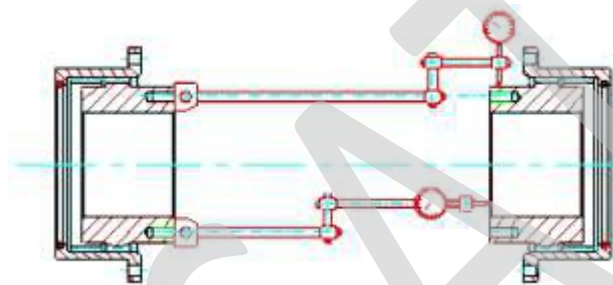


Fig.8

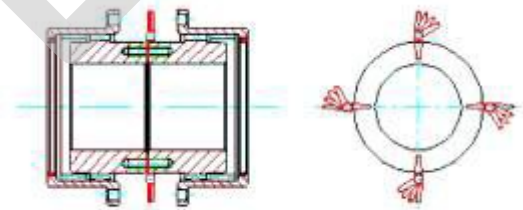


Fig.9

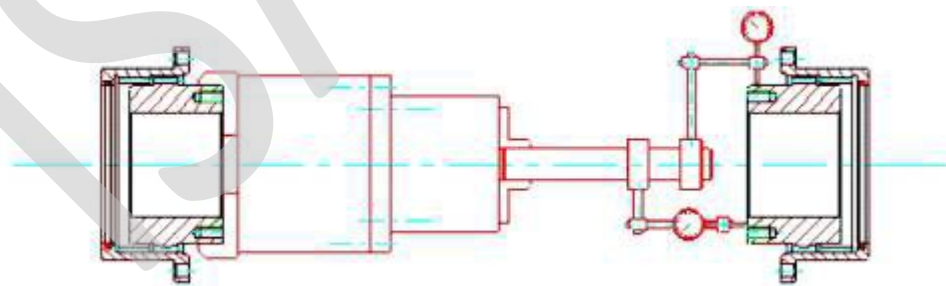


Fig.10

SIZE	Tightening torque [Nm]	Distance between hole centers [mm]	N. of holes	Hole diameter H8-d8
FGC.96	18	96	6	8/M8
FGC.122	36	122	8	10/M10
FGC.148	36	148	10	10/M10
FGC.178	65	178	10	12/M12
FGC.203	65	203	12	12/M12
FGC.236	150	236	12	16/M16
FGC.270	150	270	14	16/M16
FGC.300	150	300	14	16/M16
FGC.335	220	335	14	18/M18
FGC.368	400	368	14	22/M22
FGC.400	400	400	14	22/M22
FGC.460	520	460	16	24/M24

Fig.11

8) To obtain an adequate lifetime of the coupling, the proper lubrication is a critical step: run the filling through the grease nipples places on the sleeves until total filling of the same. In the periods immediately after the start-up, lubricate every two months, then every four months. Every two years or 10,000 hours of operation, perform the complete replacement of the grease.

The gear couplings are supplied with no lubricant.

If the coupling is equipped with self-lubricating device you need to fill only once a year, the same will automatically be distributing it evenly to the joint.

Suitable lubricants for the proper functioning of the gear coupling respects the features indicated below:

LUBRICANT FEATURES

Thickener:	Lithium complex
NLGI Grade:	2
Application range of temperature:	- 30°C + 160°C
Penetration at 25°C:	265 - 295 (0.1 mm)
Anti-rust performance:	YES
Dropping Point:	> 260°C
Base oil viscosity at 40°C:	340 mm ² /s (cSt)