



technical requirement

- Rated torque 15000N.m.
- After assembly of the assembly, the cross shaft lines of the two end connection discs should be located in the same plane, with an allowable deviation  $\pm 1.5^\circ$ . The cross shaft should rotate flexibly without jamming, and the one-way swing Angle should not be less than  $35^\circ$ .
- After the sliding sleeve and spline shaft fork are assembled, ensure that the shaft fork can slide freely along the sliding sleeve without any jamming.
- After the drive shaft is assembled, perform dynamic balancing by welding balance plates on the shaft tube and sleeve tube to correct the dynamic balance. No more than 2 plates should be welded at each end, and they must not be overlapped. The initial imbalance at each end should not exceed  $80g.cm/2500rpm$ , and the final balance should not exceed  $160g.cm/2500rpm$ .
- The non-cooperative surface of the drive shaft shall be sprayed with black paint, and the end teeth shall be treated with blackening according to TQ6 in QC/T484-1999, and the mating surface shall be coated with rust oil and protected measures shall be taken.
- The nozzle shall be injected with ZL-2 lithium-based grease before assembly.
- The 20,000 universal joint oil nozzle and the sleeve pipe oil nozzle should be on the same side, and the universal joint oil nozzle is at a  $45^\circ$  Angle with the axis of the cross shaft.
- No marking, and the assembly number is sprayed with white paint after spraying.
- The end face tooth size shall be implemented according to ISO12667:1993 (E) standard requirements.

				Drive Shaft Assembly		0082-675	
MARK	AWL	CHANGE	SIGN.	DATE	EDITION	WEIGHT	SCALE
REG.			TECHN.			KG	
APP.			ALLOW.				
COUNT.			DATE		SHEET/OF		