KPS-COUPINGS

UNIVERSAL COUPLING





DENSEN GROUP

TO BE WORLD CLASS INDUSTRIAL SOLUTIONS PROVIDER

WE PROVIDE COUPLING SOLUTIONS

Custom servise,This is the core competitiveness of KPS couplings. With more than 60 middle and senior technicians and more than 200 professional equipments, it provides clients with customized coupling services through strong technical support and processing capabilities.

Smart innovation，Building couplings based on customer requirment is the core of KPS’s solution philosophy. By combining customer feedback with market trends, KPS engineers have created an entire line of coupling products that deliver high levels of performance for reliable.

CONTENTS

- Company profile 01
- Factory equipment 02
- Main products 03
- SWC universal coupling 04
- SWP universal coupling 05
- SWZ universal coupling 06
- TCX & TSWF universal coupling 07

COMPANY PROFILE



KPS is a professional manufacturer of shaft couplings for the machinery industry. It is one of the top five manufacturers in China and is engaged in the manufacture of various standard and non-standard couplings.



WORK SHOP



FACTORY EQUIPMENT



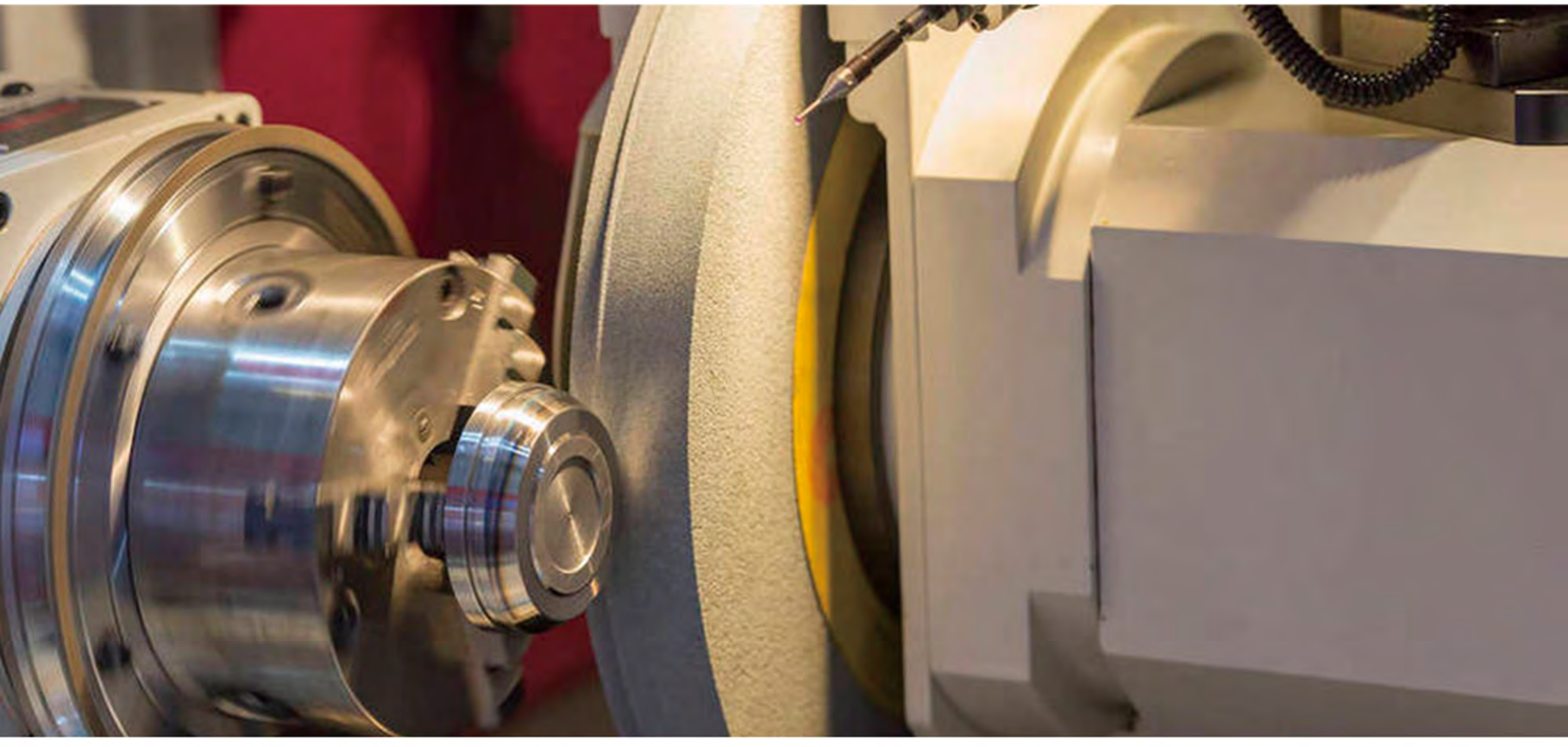






KPS has the most advanced professional manufacturing technology and production equipment, of which CNC equipment accounts for 42%.
We have more than 300 sets of the production equipment, including the highest precision CNC vertical milling equipment in China. 4-meter vertical lathe and horizontal lathe capable of processing ultra-high, long products, free dynamic cross-axis dynamic balance system and so on.

MAIN PRODUCTS





Universal coupling



Drun gear coupling



Diaphragm coupling



Custom coupling



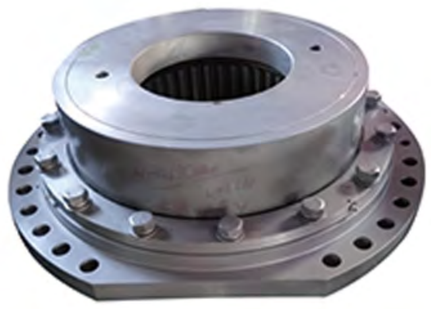
Oldham coupling



Pin coupling with elastic sleeves



Jaw coupling



Drum coupling



Chain coupling

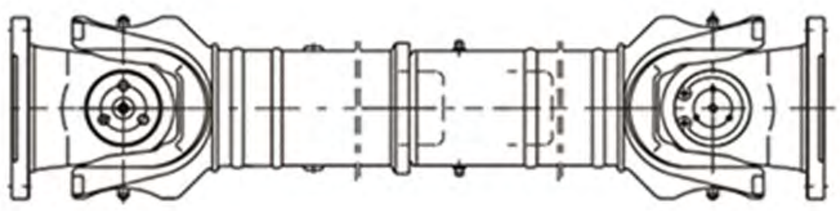
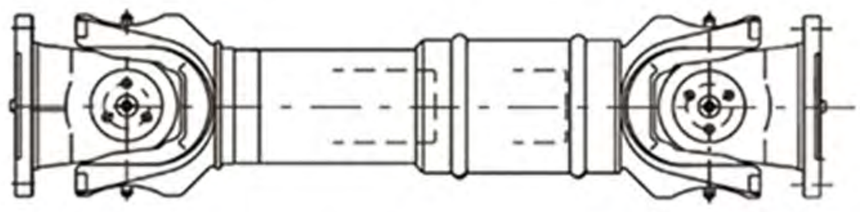
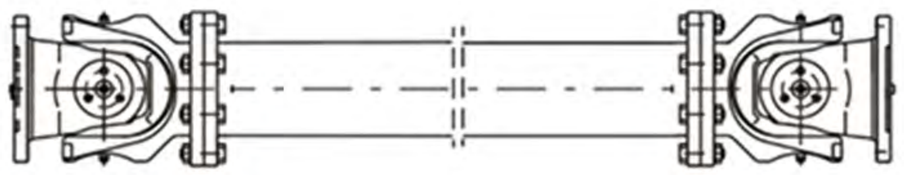
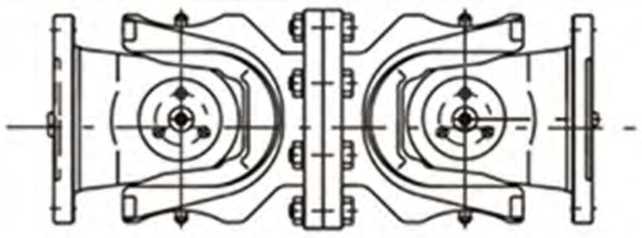
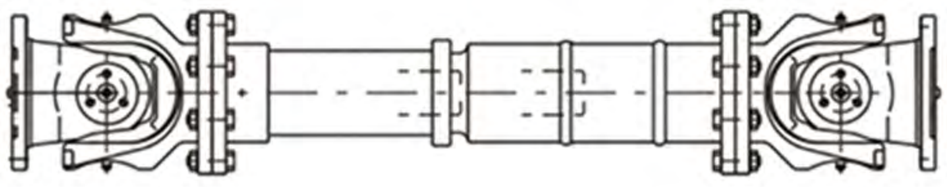
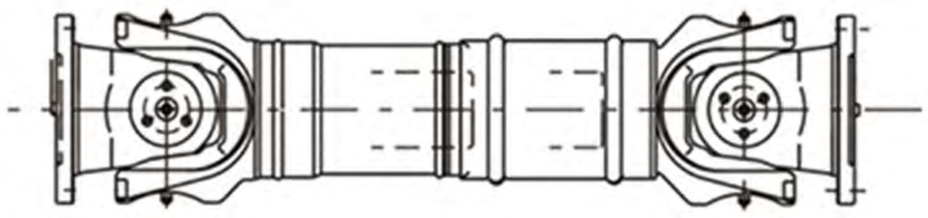
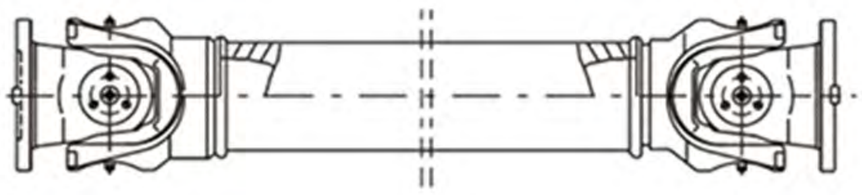


Braking-wheel coupling

SWC UNIVERSAL COUPLING

SWC type cross shaft universal coupling is suitable for steel rolling machinery, cranes and other heavy machinery. Connecting two axes whose axes are not on the same straight line. The rotation diameter is 100 ~ 1200mm. The nominal torque Tn = 1.25 ~ 8000KN · m, Axis angle β≤25 °

The material of the cross shaft of universal coupling is low carbon alloy steel, and the surface of the cross shaft journal is carburized. The depth of the carburized layer is 1.3 ~ 1.8mm, and the surface hardness is 58 ~ 62HRC. Fork head made of low alloy cast steel.

CH	Long telescopic welding type		
DH	Short telescopic welding type		
WF	Without telescopic flange type		
WD	Non-telescopic short type		
BF	Standard telescopic flange type		
BH	Standard telescopic welding type		
WH	Non-telescopic welding type		

Type	SWC-CH	SWC-DH	SWC-WF	SWC-WD	SWC-BF	SWC-BH	SWC-WH
Torque Ratings kNm	12.5~710	12.5~250	12.5~1000	12.5~1000	12.5~1000	1.25~710	1.25~710
β(°)	≤25/15	≤25/15	≤25/15	≤25/15	≤25/15	≤25/15	≤25/15
Minimum Length L mm	925~3085	650~1200	560~1690	440~1360	810~2500	390~2300	243~1355

SWP UNIVERSAL COUPLING

SWP split bearing housing cross shaft universal coupling is suitable for rolling machinery, lifting and transportation machinery and other heavy machinery. . Connecting two axes whose axes are not on the same straight line. The rotation diameter is 160~640mm. The nominal torque Tn = 16 ~ 1250KN · m, axis angle A ~ F type β≤25 °, G type ≤5 °. The material of the cross shaft of universal coupling is low carbon alloy steel, and the surface of the cross shaft journal is carburized. The depth of the carburized layer is 1~1.5mm, and the surface hardness is 58 ~ 62HRC.
Fork head made of low alloy cast steel.

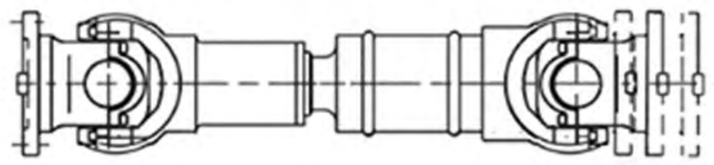
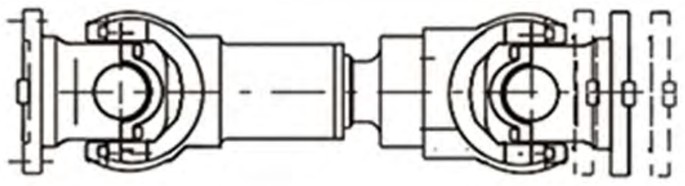
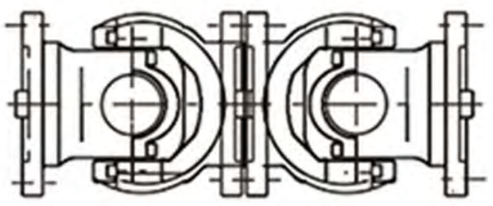
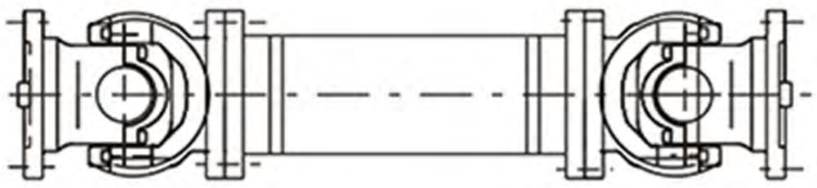
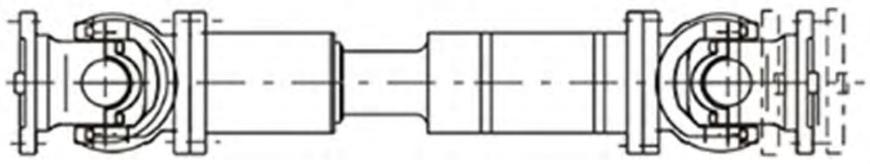
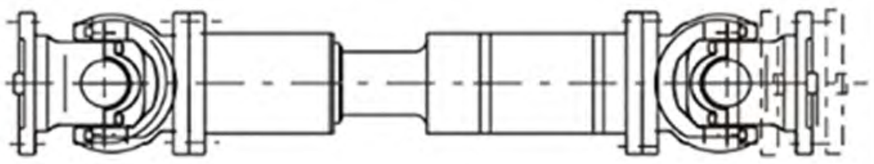
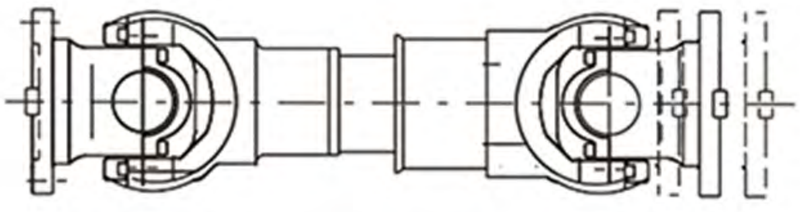










A	Telescopic long type	
B	Telescopic short type	
C	Non-telescopic short type	
D	Non-telescopic long type	
E	Telescopic double flange long type	
F	Large telescopic long type	
G	Telescopic ultra short type	

Type	SWP-A	SWP-B	SWP-C	SWP-D	SWP-E	SWP-F	SWP-G
Torque Ratings kNm	16~1250	16~1250	16~1250	16~1250	16~1250	16~1250	18~71
β(°)	≤10	≤10	≤10	≤10	≤10	≤10	≤5
Minimum Length L mm	660~2685	585~2780	340~1540	430~1980	715~3170	770~2920	435~715

SWZ UNIVERSAL COUPLING

SWZ type integral bearing seat cross shaft universal coupling is suitable for rolling machinery, lifting and transportation machinery and other heavy machinery. It connects two coaxial drive shafts. e. The rotation diameter is 160 ~ 550mm. The nominal torque Tn = 18 ~ 800KN · m, axis angle β≤10 °.

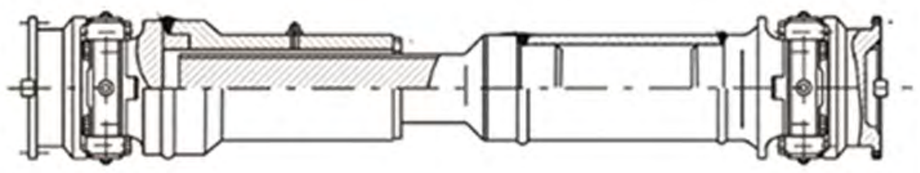
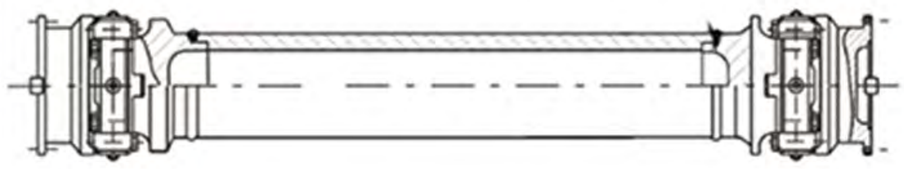
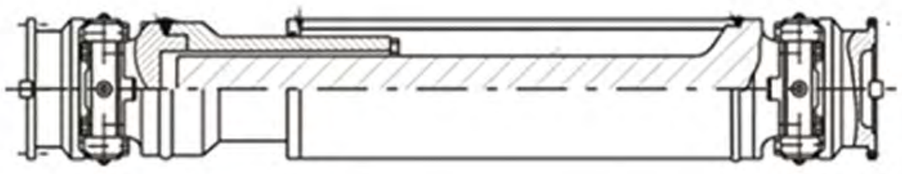
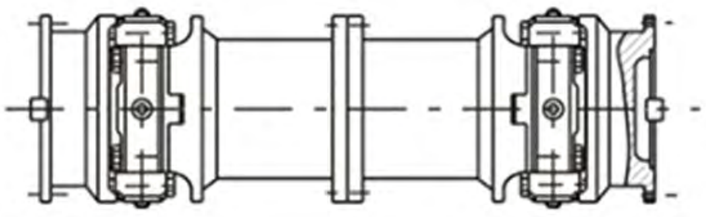
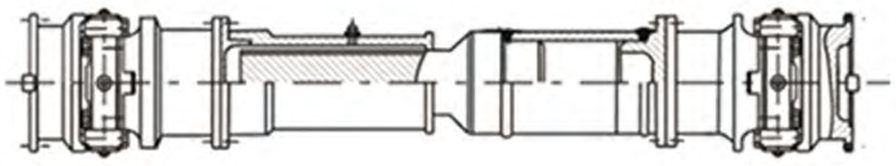
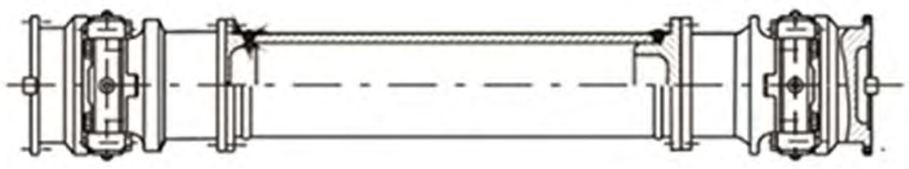
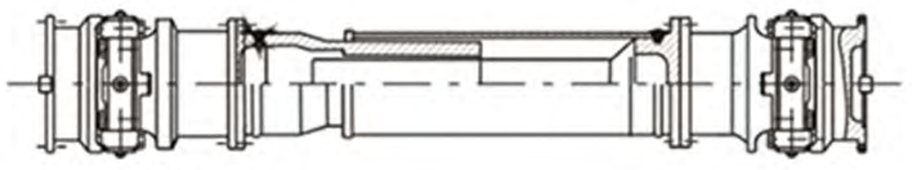
The material of the cross shaft of universal coupling is low carbon alloy steel, and the surface of the cross shaft journal is carburized. The depth of the carburized layer is 1.3~1.5mm, and the surface hardness is 58 ~ 62HRC.

Fork head made of low alloy steel.





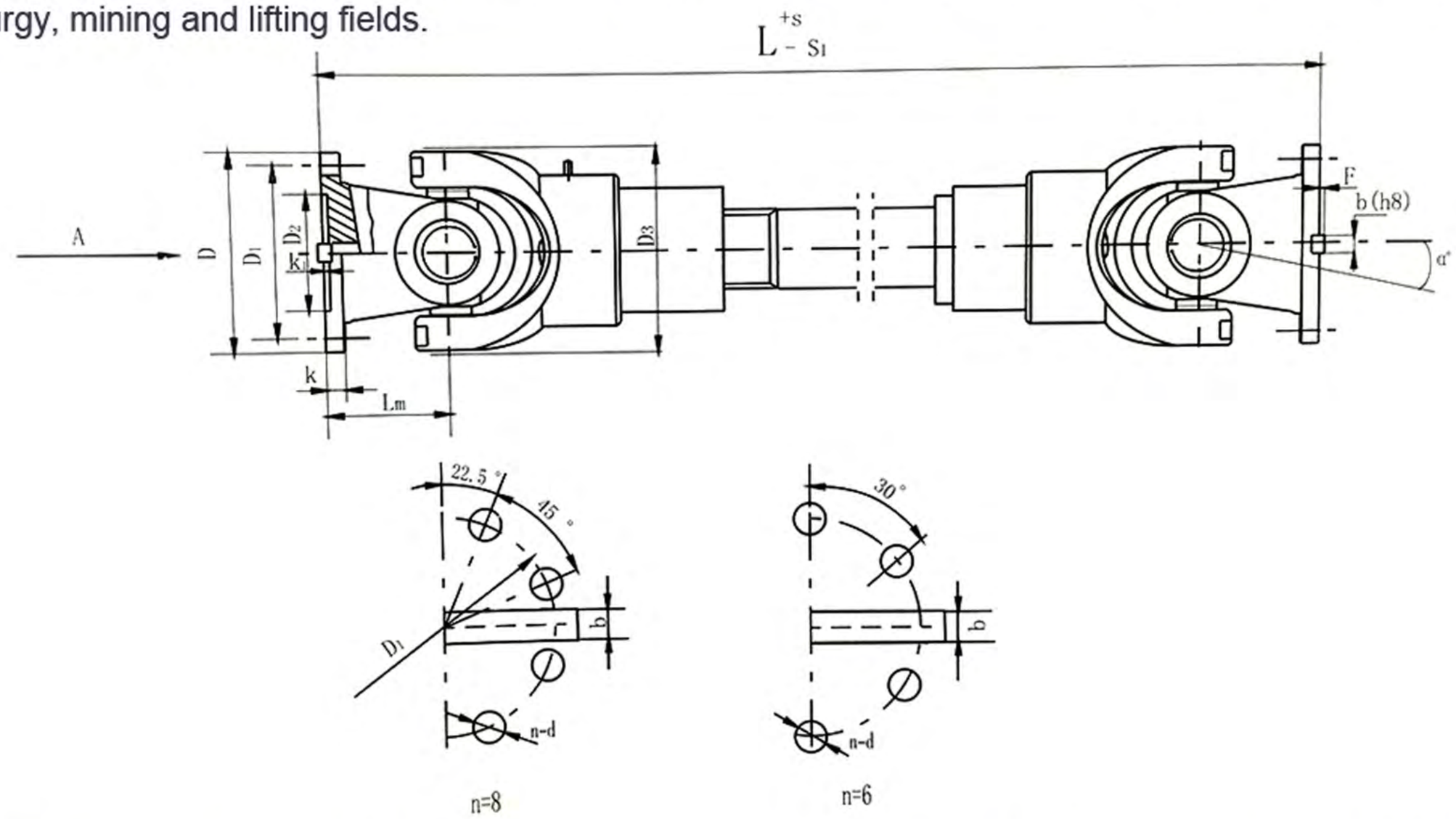


BH	Standard telescopic welding type	
WH	Non-telescopic welding type	
CH	Long telescopic welding type	
WD	Non-telescopic short type	
BF	Standard telescopic flange type	
WF	Non-telescopic flange type	
CF	Long telescopic flange type	

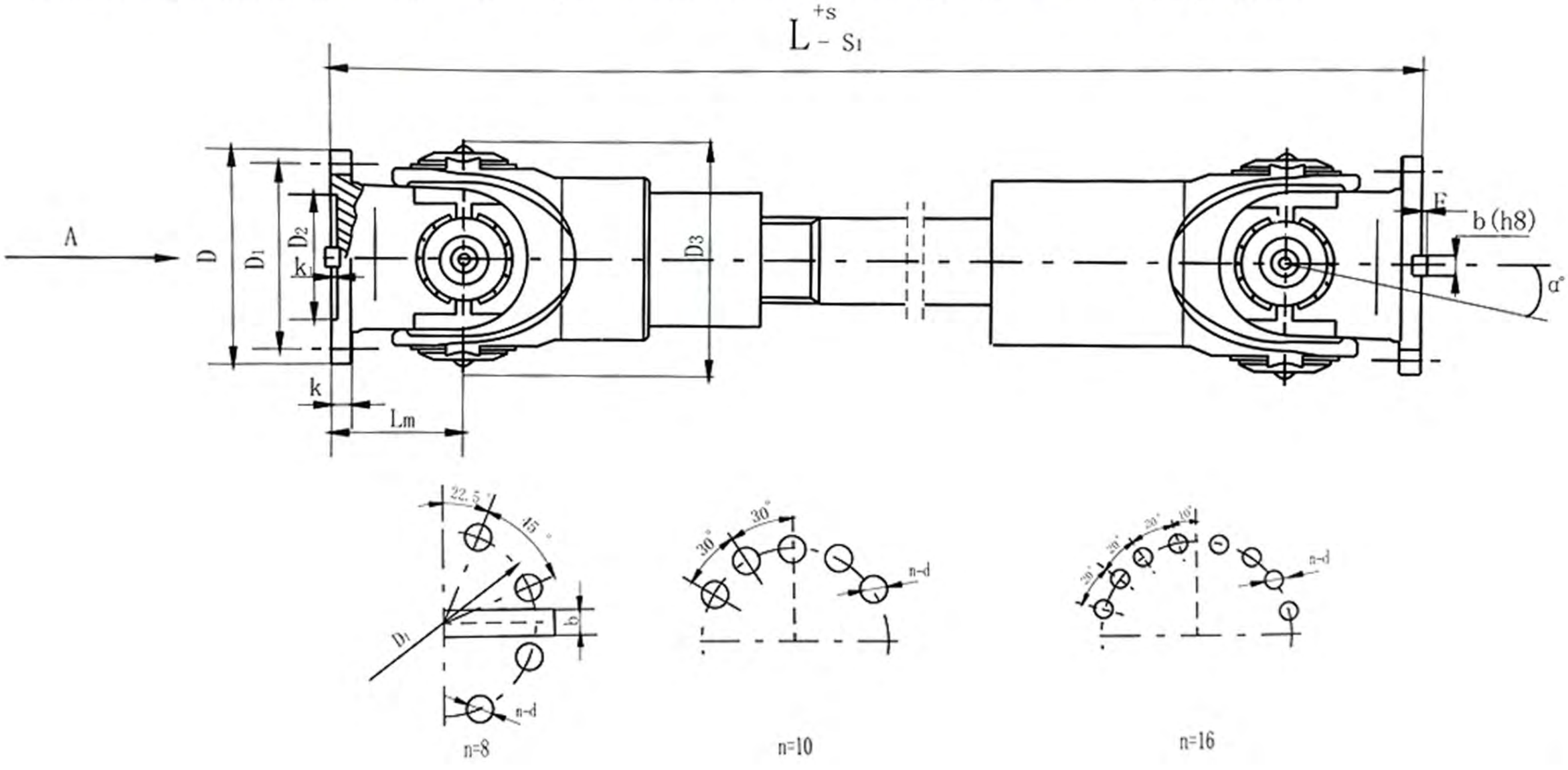
Type	SWZ-BH	SWZ-WH	SWZ-CH	SWZ-WD	SWZ-BF	SWZ-WF	SWZ-CF
Torque Ratings kNm	18~800	18~800	18~800	18~800	18~800	18~800	18~800
β(°)	≤10	≤10	≤10	≤10	≤10	≤10	≤10
Minimum Length L mm	850~2345	580~1710	1010~2950	480~1420	980~2670	680~1950	1160~3350

TCX&TSWF UNIVERSAL COUPLING

TXC type universal coupling is a newly developed light and medium universal joint. Because the four ends of the cross shaft are equipped with thrust bearings, compared with SWC and SWP universal joints with the same rotation diameter The device has larger transmission torque and longer service life, and can be widely used in metallurgy, mining and lifting fields.



The TSWF type universal coupling adopts a new cross shaft assembly structure in the design, and the spline part adopts the involute spline pair transmission, which has a larger transmission torque and a more stable and reliable transmission. It can be widely used in metallurgy, mining and Port lifting equipment.





CONTACT US

Olivia Hu Sales manager

+86 24 2585 4286

+86 183 1033 6967

Olivia@sydensen.com info@sydensen.com

Floor 21, Block B, Fortune Building, No. 18 Xinghua Bei Street , Tiexi District, Shenyang, 110025, China.