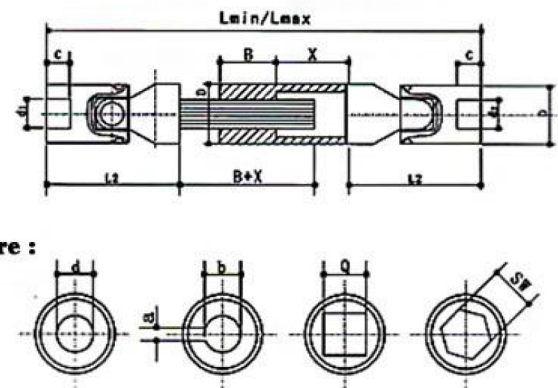


Telescoping Universal Joint

From: Shanghai,China

Brand YidTran



Universal Joint Inquiry/Ordering Example

Model - Inner Diameter + Outer Diameter + Retracted/Extended Lengths
Inner diameter (d) = 12mm, Outer diameter (D) = 23mm,
Minimum total length: 160mm, Maximum total length: 180mm

Example: GA12*23*160/180 or WSP12*23*160/180

Note: Finished bore type required

Maximum articulation angle per joint: 45°. For connecting larger shaft spacings, GA type (plain bearing) – 1000 min⁻¹. Finished bore tolerance: H7. Keyway, hexagonal hole, or square hole can also be supplied upon request.

Calculation of installation length L and stroke X:Stroke: $X \leq (L_{max} - 2 \cdot L_2 - B) / 2$, $L_{min} \geq (L_{max} - 2 \cdot L_2 + B) / 2$, Minimum dimension Lmin: $L_{min} = L_2 + B + X + L_2$

Telescopic Universal Joint Specification Model Example Table:

3GA		d1Φ20			d2 = Φ20 Spline DIN						550/650	
Specs+Type		Bore (H7)			Bore (H7) Spline: DIN6885-1(JS9)						Lmin/Lmax	
NO.	D1 ; d2 (H7)	D	L2	C	Lmin/Lmax /X	B	a	b	Q	SW	Spline	D1
GA												
03GA	10	20	48	12	Lmin/ Lmax	30	3	11.4	10	10	11×14Z6	22
04GA	12	23	56	13		40	4	13.8	12	12	13×16Z6	26
05GA	14	25	60	13		40	5	16.3	14	14	13×14Z6	29
1GA	16	30	68	16		40	5	18.3	16	16	16×14Z6	32
2GA	18	32	74	17		40	6	20.8	18	18	18×14Z6	37
3GA	20	36	82	18		45	6	22.8	20	20	21×14Z6	42