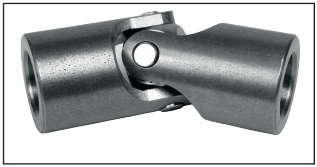
GAL

Low duty

- **Standard series without bush according to DIN808**
- Max. misalignment angle 45°
- Materials:
  PR80 steel (non-weldable)
- Maximum speed 800 rpm



Applications

- For low rotation speeds
- For low load applications
  (e.g: valve, valve control, blinds, etc...)

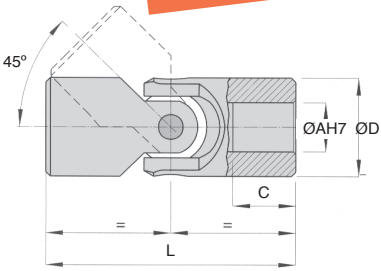
Option

- Bore modification, keyway

Accessory

- Don't forget the cover trim **M** **(tome 2 p.96)**

Economy series



Modifiable bore



Angle	Factor
5°	1,25
10°	1,00
20°	0,75
30°	0,45
40°	0,30

Effect of the working angle
The torques indicated correspond to an angle of 10°. They should therefore be weighted with the factors opposite as a function of the working angle.
***e.g**: 100Nm to transmit to 20°*
Calculation: 100/0,75=133,33

DISCOUNTS

Qty	1+	2+	4+	10+
Disc.	Price	-6%	-12%	On request

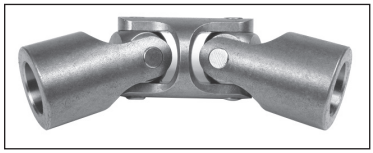
Part number	ØD	ØA	C	L	Torques (Nm) at 100 rpm	at 200 rpm	at 300 rpm	at 400 rpm	at 500 rpm	at 700 rpm	at 800 rpm	Stock*	Price each
G00-AL-5/5	10	5	13	40	7,1	6,5	5,4	4,9	4,5	-	-	✔	28,71 €
G01-AL-6/6	13	6	13	40	8,5	8,5	6,8	6,2	5,7	-	-	✔	26,80 €
G02-AL-8/8	16	8	10	40	16,9	11,7	10,4	9,1	7,8	6,7	6,1	✔	26,80 €
G03-AL-10/10	20	10	10	45	32,5	22,1	19,5	15,6	14,3	13,0	9,1	✔	26,80 €
G04-AL-12/12	25	12	11	50	58,5	32,5	27,3	20,8	18,2	14,3	11,7	✔	29,40 €
G05-AL-14/14	29	14	13	56	91,0	58,5	52,0	42,9	39,0	33,8	28,6	-	30,23 €
G1-AL-16/16	32	16	15	65	114,4	110,5	93,6	71,5	65,0	55,9	44,2	-	32,09 €

**Dimensions in mm*

Low duty

GDAL

- ***Standard series without bush according to DIN808***
- *Max. misalignment angle 45°*
- *Materials :*
  PR80 steel (non-weldable)
- *Maximum speed 800 rpm*



Applications

- *For low rotation speeds*
- *For low load applications (e.g: valve, valve control, blinds, etc…)*

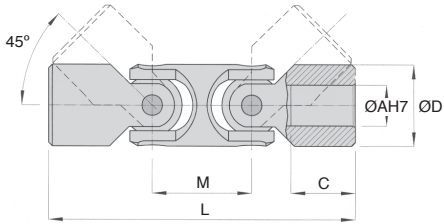
Option

- *Bore modification, keyway*

Accessory

- *Don't forget the cover trim* ***M*** *(tome 2 p.96)*

Economy series



Modifiable bore



Angle	Factor
5°	1,25
10°	1,00
20°	0,75
30°	0,45
40°	0,30

Effect of the working angle
The torques indicated correspond to an angle of 10°. They should therefore be weighted with the factors opposite as a function of the working angle.
e.g: *100Nm to transmit to 20°*
Calculation: 100/0,75=133,33

DISCOUNTS

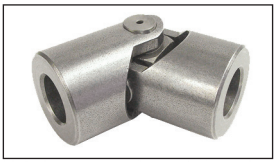
Qty	1+	2+	4+
Disc.	Price	-6%	On request

Part number	Bore ØD	ØA	C	L	M	Torques (Nm) at 100 rpm	at 200 rpm	at 300 rpm	at 400 rpm	at 500 rpm	at 700 rpm	at 800 rpm	Stock*	Price each
GD01-AL-6/6	13	6	13	63	23	8,5	8,5	6,8	6,2	5,7	-	-	✔	52,49 €
GD02-AL-8/8	16	8	10	67	27	16,9	11,7	10,4	9,1	7,8	6,7	6,1	✔	52,49 €
GD03-AL-10/10	20	10	10	74	29	32,5	22,1	19,5	15,6	14,3	13,0	9,1	✔	53,43 €
GD04-AL-12/12	22	12	11	74	29	58,5	32,5	27,3	20,8	18,2	14,3	11,7	✔	53,43 €
GD05-AL-14/14	25	14	13	85	33	91,0	58,5	52,0	42,9	39,0	33,8	28,6	-	60,25 €
GD1-AL-16/16	29	16	19	100	35	114,4	110,5	93,6	71,5	65,0	55,9	44,2	✔	63,25 €
GD2-AL-18/18	32	18	20	112	39	208,0	156,0	130,0	88,4	75,4	70,2	-	-	77,81 €

**Dimensions in mm*

Single universal joint DIN 808-7551

G Industrial range

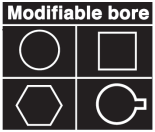


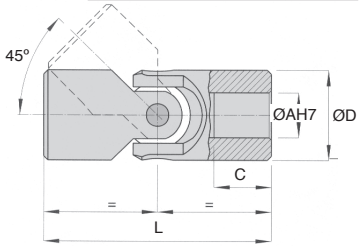
- ***Standard series in accordance with DIN 808-7551***
- ***Smooth hardened bushes***
- *Suitable for speeds up to 800 rpm*
- *Max. misalignment angle 45°*
- *Materials:*
  Body: C45 steel
  Pin: Hardened steel 18NCD4

Accessories

- *Optional rubber cover*

Modifiable bore





Angle	Factor
5°	1,25
10°	1,00
20°	0,75
30°	0,45
40°	0,30

Effect of operating angle
The torques below are given for a 10° angle. For other angles, the appropriate factor from this table should be applied. ***E.g.*** *For 100Nm to be transmitted at 20°, the corrected value of torque becomes 100/0.75 = 133 Nm and a joint should be chosen that can transmit 133Nm at the required speed.*

DISCOUNTS

Qty	1+	2+	4+	10+
Disc.	List	-6%	-12%	On request

Part number	ØD	ØA	C	L	Torque (Nm) at 100 rpm	at 200 rpm	at 300 rpm	at 400 rpm	at 500 rpm	at 700 rpm	at 800 rpm	Stock*	Price each
G01-A-6/6	16	6	9	34	-	-	-	-	-	-	-	✔	29,80 €
G02-A-8/8	16	8	11	40	-	-	-	-	-	-	-	✔	29,80 €
G03-A-10/10	20	10	10	45	32,5	22,1	18,8	16,9	15,6	14,3	9,7	✔	30,98 €
G04-A-12/12	25	12	11	50	55,9	32,5	26,6	22,1	20,1	16,9	15,6	✔	33,82 €
G05-A-14/14	29	14	13	56	89,1	55,9	51,3	46,8	43,5	37,1	34,4	✔	35,93 €
G1-A-16/16	32	16	15	65	112,4	109,2	93,6	74,7	66,9	53,3	46,8	✔	37,13 €
G2-A-18/18	37	18	17	72	202,8	156,0	124,8	93,6	78,0	62,4	-	✔	43,12 €
G3-A-20/20	40	20	19	82	312,0	218,4	156,0	124,8	109,2	78,0	-	✔	50,97 €
G4-A-22/22	47	22	22	95	390,0	249,6	187,2	156,0	124,8	93,6	-	✔	61,17 €
G5-A-25/25	50	25	26	108	499,2	312,0	218,4	187,2	156,0	124,8	-	✔	72,11 €
G6-A-30/30	58	30	30	122	561,6	343,2	249,6	202,8	171,6	-	-	✔	92,32 €
G61-A-32/32	63	32	30	130	561,6	343,2	249,6	202,8	171,6	-	-	-	On request
G7-A-35/35	70	35	35	140	592,8	390,0	296,4	226,2	187,2	-	-	-	On request
G8-A-40/40	80	40	42	160	655,2	436,8	343,2	280,8	-	-	-	-	On request
G9-A-50/50	95	50	54	190	936,0	624,0	436,8	343,2	-	-	-	-	On request

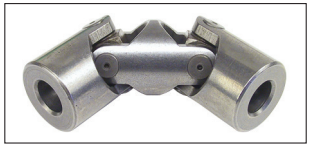
**Depending on availability - Dimensions in mm*

DIN Double universal joint DIN 808-7551

Industrial range

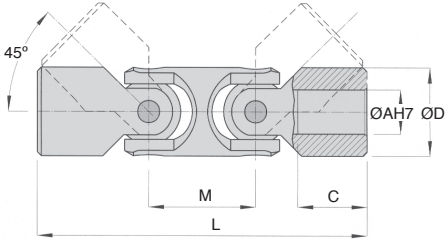
GD

- ***Standard series in accordance with DIN 808-7551***
- ***Smooth hardened bushes***
- *Suitable for speeds up to 800 rpm*
- *Max. misalignment angle 45°*
- *Materials:*
  Body: C45 steel
  Pin: Hardened steel 18NCD4



Accessories

- *Optional rubber cover*



Modifiable bore



Angle	Factor
5°	1,25
10°	1,00
20°	0,75
30°	0,45
40°	0,30

Effect of operating angle

The torques below are given for a 10° angle. For other angles, the appropriate factor from this table should be applied. ***E.g.*** *For 100Nm to be transmitted at 20°, the corrected value of torque becomes 100/0.75 = 133 Nm and a joint should be chosen that can transmit 133Nm at the required speed.*

DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-6%	On request

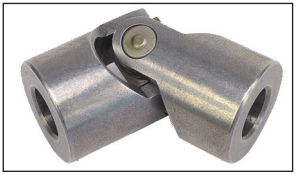
Part number	ØD	ØA	C	M	L	Torque (Nm) at 100 rpm	at 200 rpm	at 300 rpm	at 400 rpm	at 500 rpm	at 700 rpm	at 800 rpm	Stock*	Price each
GD01-A-6/6	16	6	9	27	61	-	-	-	-	-	-	-	✔	59,74 €
GD02-A-8/8	16	8	11	27	67	-	-	-	-	-	-	-	✔	59,74 €
GD03-A-10/10	20	10	10	30	75	-	-	-	-	-	-	-	✔	62,71 €
GD04-A-12/12	22	12	11	29	74	32,5	22,1	18,8	16,9	15,6	14,3	9,7	✔	62,71 €
GD05-A-14/14	25	14	13	33	85	55,9	32,5	26,6	22,1	20,1	16,9	15,6	✔	70,24 €
GD1-A-16/16	29	16	19	35	100	89,1	55,9	51,3	46,8	43,5	37,1	34,4	✔	75,01 €
GD2-A-18/18	32	18	20	39	112	112,4	109,2	93,6	74,7	66,9	53,3	46,8	✔	90,43 €
GD3-A-20/20	40	20	19	46	128	312,0	218,4	156,0	124,8	109,2	78,0	-	✔	99,86 €
GD4-A-22/22	40	22	25	48	145	312,0	218,4	156,0	124,8	109,2	78,0	-	-	133,94 €
GD5-A-25/25	50	25	24	59	163	499,2	312,0	218,4	187,2	156,0	124,8	-	✔	163,71 €
GD6-A-30/30	58	30	28	66	182	561,6	343,2	249,6	202,8	171,6	-	-	-	194,49 €
GD61-A-32/32	63	32	30	84	198	561,6	343,2	249,6	202,8	171,6	-	-	-	On request
GD7-A-35/35	70	35	32	78	212	592,8	390,0	296,4	226,2	187,2	-	-	-	On request
GD8-A-40/40	80	40	38	95	245	655,2	436,8	343,2	280,8	-	-	-	-	On request
GD9-A-50/50	95	50	50	120	290	936,0	624,0	436,8	343,2	-	-	-	-	On request

**Depending on availability - Dimensions in mm*

Single needle roller universal joint ★★★

H — Industrial range

- **Standard series**
- **Needle bearings**
- Suitable for speeds up to 4000 rpm
- Max. misalignment angle 45°
- Materials:
  Body: C45 steel
  Pin: Hardened steel 18NCD4



Uses

- High speed applications

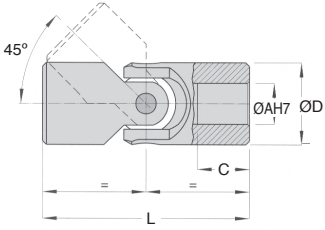
Accessories

- Optional rubber cover

Modifiable bore



High speed applications



Angle	Factor
5°	1,25
10°	1,00
20°	0,75
30°	0,45
40°	0,30

Effect of operating angle
The torques below are given for a 10° angle. For other angles, the appropriate factor from this table should be applied. ***E.g.*** *For 100Nm to be transmitted at 20°, the corrected value of torque becomes 100/0.75 = 133 Nm and a joint should be chosen that can transmit 133Nm at the required speed.*

DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-6%	On request

Part number	ØD	ØA	C	L	Torque (Nm) at 250 rpm	at 500 rpm	at 1000 rpm	at 2000 rpm	at 3000 rpm	at 4000 rpm	Stock*	Price each
H02-A-8/8	16	8	15	52	-	-	-	6,9	-	-	✔	56,65 €
H03-A-10/10	20	10	18	62	26,4	20,4	16,8	13,2	12,0	10,8	✔	50,97 €
H05-A-14/14	25	14	20	74	40,8	34,8	28,8	26,4	24,0	21,6	✔	50,97 €
H1-A-16/16	32	16	24	86	78,0	66,0	54,0	48,0	44,4	38,4	✔	56,65 €
H2-A-18/18	37	18	17	72	90,0	73,2	60,0	54,0	48,0	43,2	✔	59,60 €
H3-A-20/20	40	20	30	108	168,0	144,0	120,0	96,0	84,0	78,0	✔	67,99 €
H4-A-22/22	47	22	22	95	194,4	158,4	129,6	105,6	92,4	85,2	-	79,11 €
H5-A-25/25	50	25	38	132	240,0	204,0	156,0	132,0	108,0	102,0	✔	87,82 €
H6-A-30/30	63	30	45	166	360,0	324,0	276,0	228,0	192,0	168,0	-	113,09 €
H61-A-32/32	63	32	45	166	360,0	324,0	276,0	228,0	192,0	168,0	-	On request
H7-A-35/35	70	35	35	140	391,2	332,4	284,4	237,6	201,6	-	-	On request
H8-A-40/40	80	40	50	180	438,0	363,6	306,0	246,0	223,2	-	-	On request
H9-A-50/50	95	50	54	190	482,4	402,0	330,0	270,0	237,6	-	-	On request

**Depending on availability - Dimensions in mm*

Double needle roller universal joint

Industrial range

HD

- ***Standard series***
- ***Needle bearings***
- *Suitable for speeds up to 4000 rpm*
- *Max. misalignment angle 45°*
- *Materials:*
  Body: C45 steel
  Pin: Hardened steel 18NCD4

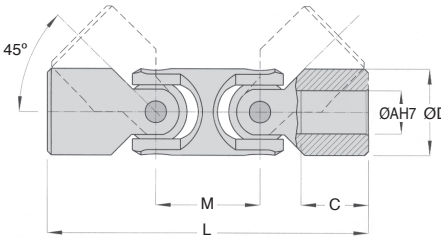


Uses

- *High speed applications*

Accessories

- *Optional rubber cover*



Modifiable bore



Angle	Factor
5°	1,25
10°	1,00
20°	0,75
30°	0,45
40°	0,30

Effect of operating angle

The torques below are given for a 10° angle. For other angles, the appropriate factor from this table should be applied. ***E.g.*** *For 100Nm to be transmitted at 20°, the corrected value of torque becomes 100/0.75 = 133 Nm and a joint should be chosen that can transmit 133Nm at the required speed.*

High speed applications

DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-6%	On request

Part number	ØD	ØA	C	M	L	Torque (Nm) at 250 rpm	at 500 rpm	at 1000 rpm	at 2000 rpm	at 3000 rpm	at 4000 rpm	Stock*	Price each
HD03-A-10/10	20	10	18	26	88	26,4	20,4	16,8	13,2	12,0	10,8	✔	153,07 €
HD05-A-14/14	25	14	19	33	104	40,8	34,8	28,8	26,4	24,0	21,6	✔	120,05 €
HD1-A-16/16	32	16	24	39	125	78,0	66,0	54,0	48,0	44,4	38,4	✔	120,05 €
HD3-A-20/20	40	20	30	48	156	168,0	144,0	120,0	96,0	84,0	78,0	✔	162,02 €
HD5-A-25/25	50	25	37	59	188	240,0	204,0	156,0	132,0	108,0	102,0	✔	192,91 €
HD6-A-30/30	63	30	41	80	238	360,0	324,0	276,0	228,0	192,0	168,0	✔	217,91 €
HD61-A-32/32	63	32	41	80	238	360,0	324,0	276,0	228,0	192,0	168,0	-	On request
HD7-A-35/35	70	35	30	78	212	391,2	332,4	284,4	237,6	201,6	-	-	On request
HD8-A-40/40	80	40	48	120	290	438,0	363,6	306,0	246,0	223,2	-	-	On request
HD9-A-50/50	95	50	50	120	290	482,4	402,0	330,0	270,0	237,6	-	-	On request

**Depending on availability - Dimensions in mm*

Single stainless steel universal joint Sta ★★

JCSss — Low duty

- **Stainless steel range**
- No bush
- Suitable for speeds up to 800 rpm
- Max. angle of misalignment 45°
- Material:
  Stainless steel X5CrNi1810



stainless steel

Uses

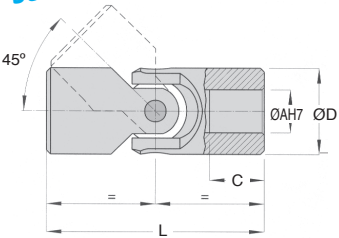
- Food and pharmaceutical industries

Accessories

- Optional rubber cover
  M (tome 2 p.96)

Modifiable bore





Angle	Factor
5°	1,25
10°	1,00
20°	0,75
30°	0,45
40°	0,30

Effect of operating angle
The torques below are given for a 10° angle. For other angles, the appropriate factor from this table should be applied. ***E.g.*** *For 10Nm to be transmitted at 20°, the corrected value of torque becomes 10/0.75 = 13.3 Nm and a joint should be chosen that can transmit 13.3Nm at the required speed.*

DISCOUNTS

Qty	1+	2+	4+	10+
Disc.	List	-6%	-12%	On request

Part number	ØD	ØA	C	L	Torque (Nm) at 100 rpm	at 200 rpm	at 300 rpm	at 400 rpm	at 500 rpm	at 700 rpm	at 800 rpm	Stock*	Price each
JCS00/SS	10	5	15	44	5,4	4,9	4,2	3,7	3,4	-	-	✔	47,46 €
JCS01/SS	13	6	18	50	6,6	6,6	5,2	4,8	4,3	-	-	✔	43,48 €
JCS02/SS	16	8	19	58	12,9	9,0	7,9	6,9	6,0	5,1	4,6	✔	43,48 €
JCS03/SS	22	10	25	76	18,4	12,4	10,5	9,6	8,7	7,8	5,2	✔	43,48 €
JCS04/SS	25	12	29	86	31,5	18,9	15,0	12,0	10,9	9,4	8,7	✔	49,42 €
JCS05/SS	29	14	30	90	49,5	31,9	28,9	26,4	24,4	19,9	18,9	✔	51,41 €
JCS06/SS	32	16	30	95	67,5	63,0	52,9	42,0	37,9	30,0	25,9	✔	53,37 €
JCS07/SS	37	18	35	108	114,0	90,0	69,9	52,9	43,9	34,9	-	-	63,28 €
JCS08/SS	40	20	32	108	175,5	126,0	87,9	69,9	61,9	43,9	-	✔	69,22 €
JCS09/SS	47	22	38	127	219,0	144,0	105,0	87,9	69,9	52,9	-	-	87,07 €
JCS10/SS	50	25	44	140	288,0	180,0	126,0	108,0	90,0	72,0	-	✔	102,96 €
JCS11/SS	58	30	58	178	324,0	198,0	144,0	117,0	99,0	-	-	✔	134,64 €

**Depending on availability - Dimensions in mm*

Low duty

JCDss

- ***Stainless steel range***
- *No bush*
- *Suitable for speeds up to 800 rpm*
- *Max. angle of misalignment 90°*
- *Material:*
  Stainless steel X5CrNi1810



Uses

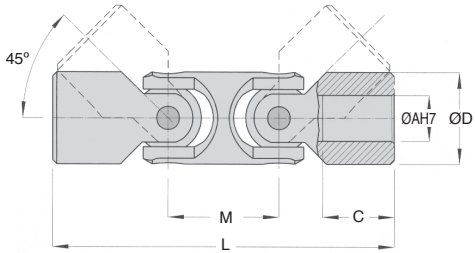
- *Food and pharmaceutical industries*

Accessories

- *Optional rubber cover* ***M (tome 2 p.96)***

Modifiable bore





Angle	Factor
5°	1,25
10°	1,00
20°	0,75
30°	0,45
40°	0,30

Effect of operating angle
The torques below are given for a 10° angle. For other angles, the appropriate factor from this table should be applied. ***E.g.*** *For 10Nm to be transmitted at 20°, the corrected value of torque becomes 10/0.75 = 13.3 Nm and a joint should be chosen that can transmit 13.3Nm at the required speed.*

DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-6%	On request

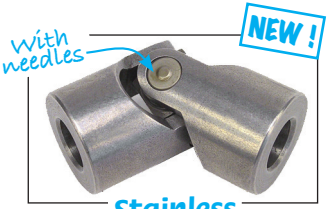
Part number	ØD	ØA	C	M	L	Torque (Nm) at 100 rpm	at 200 rpm	at 300 rpm	at 400 rpm	at 500 rpm	at 700 rpm	at 800 rpm	Stock*	Price each
JCD04/SS	22	12	25	29	105	18,4	12,4	10,5	9,6	8,7	7,8	5,2	✔	84,66 €
JCD05/SS	25	14	29	33	119	31,5	18,9	15,0	12,0	10,9	9,4	8,7	✔	87,93 €
JCD06/SS	29	16	30	35	125	49,5	31,9	28,9	26,4	24,4	19,9	18,9	✔	91,50 €
JCD07/SS	32	18	30	39	134	67,5	63,0	52,9	42,0	37,9	30,0	25,9	-	108,43 €
JCD08/SS	40	20	32	46	154	175,5	126,0	87,9	69,9	61,9	43,9	-	✔	118,54 €
JCD09/SS	40	22	38	46	173	175,5	126,0	87,9	69,9	61,9	43,9	-	-	148,98 €
JCD10/SS	50	25	44	59	199	288,0	180,0	126,0	108,0	90,0	72,0	-	-	176,23 €
JCD11/SS	58	30	58	66	244	324,0	198,0	144,0	117,0	99,0	-	-	-	231,10 €

**Depending on availability - Dimensions in mm*

Single needle universal joint stainless steel

Hss — Heavy duty DIN808-7551

- ***Standard series stainless steel version***
- *Needle bearings*
- *Max. misalignment angle 45°*
- *Material:*
  Stainless steel X5CrNi1810,
  Stainless steel bearing X20Cr13
- *Maximum speed 3600 rpm*



Applications

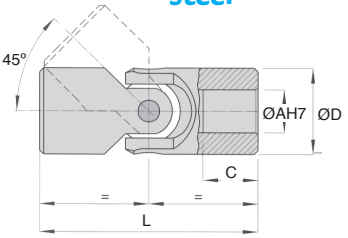
- *For high rotational speeds*
- *For applications requiring low backlash*
- *Pharmaceutical and food industries*

Option

- *Bore modification, keyway*

Accessory

- *Don't forget the cover trim* ***M*** *(tome 2 22 p.96)*



Modifiable bore



Angle	Factor
5°	1,25
10°	1,00
20°	0,75
30°	0,45
40°	0,30

Effect of the working angle
The torques shown are for an angle of 10°.
They should therefore be weighted with the factors opposite as a function of the working angle.
e.g*: 100Nm to be transmitted at 20° calculation: 100/0,75=133,33*

DISCOUNTS

Qty	1+	2+	4+
Disc.	Price	-15%	On request

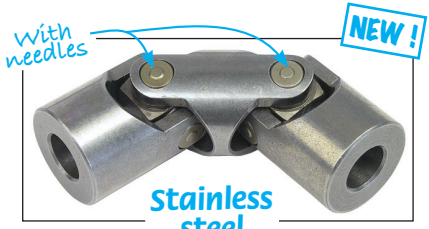
Part number	ØD	ØA	C	L	Torques (Nm) at 250 rpm	at 500 rpm	at 1000 rpm	at 2000 rpm	at 3000 rpm	at 4000 rpm	Price each
H03-A-10/10/SS	20	10	18	62	21,12	16,32	13,44	10,56	9,60	8,64	102,72 €
H05-A-14/14/SS	25	14	20	74	32,64	27,84	23,04	21,12	19,20	17,28	102,72 €
H1-A-16/16/SS	32	16	24	86	62,40	52,80	43,20	38,40	35,52	30,72	113,71 €
H3-A-20/20/SS	40	20	30	108	134,40	115,20	96,00	76,80	67,20	62,40	137,23 €
H5-A-25/25/SS	50	25	38	132	192,00	163,20	124,80	105,60	86,40	81,60	176,10 €
H6-A-30/30/SS	63	30	45	166	288,00	259,20	220,80	182,40	153,60	134,40	227,44 €

Dimensions in mm

★★★ Double needle universal joint stainless steel

Heavy duty DIN808-7551 — HDss

- ***Série standard version inox***
- *Needle bearings*
- *Max. misalignment angle 45°*
- *Material:*
  Stainless steel X5CrNi1810,
  Stainless steel bearing X20Cr13
- *Maximum speed 3600 rpm*



Applications

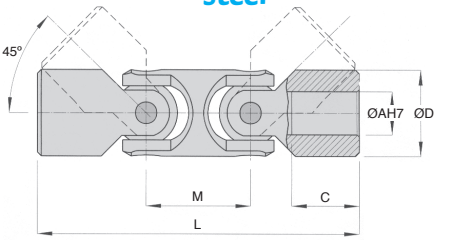
- *For high rotational speeds*
- *For applications requiring low backlash*
- *Pharmaceutical and food industries*

Options

- *Bore modification, keyway*

Accessory

- *Don't forget the cover trim* ***M*** *(tome 2 22 p.96)*



Modifiable bore



Angle	Factor
5°	1,25
10°	1,00
20°	0,75
30°	0,45
40°	0,30

Effect of the working angle
The torques shown are for an angle of 10°.
They should therefore be weighted with the factors opposite as a function of the working angle.
e.g*: 100Nm to be transmitted at 20°*
calculation: 100/0,75=133,33

DISCOUNTS

Qty	1+	2+	4+
Disc.	Price	-15%	On request

Part number	ØD	ØA	C	M	L	Torques (Nm) at 250 rpm	at 500 rpm	at 1000 rpm	at 2000 rpm	at 3000 rpm	at 4000 rpm	Price each
HD03-A-10/10/SS	20	10	18	26	88	21,12	16,32	13,44	10,56	9,60	8,64	205,47 €
HD05-A-14/14/SS	25	14	19	33	104	32,64	27,84	23,04	21,12	19,20	17,28	205,47 €
HD1-A-16/16/SS	32	16	24	39	125	62,40	52,80	43,20	38,40	35,52	30,72	227,44 €
HD3-A-20/20/SS	40	20	30	48	156	134,40	115,20	96,00	76,80	67,20	62,40	274,47 €
HD5-A-25/25/SS	50	25	37	59	188	192,00	163,20	124,80	105,60	86,40	81,60	352,20 €
HD6-A-30/30/SS	63	30	41	80	238	288,00	259,20	220,80	182,40	153,60	134,40	454,88 €

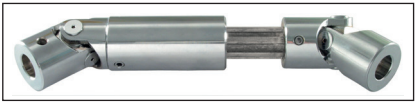
Dimensions in mm

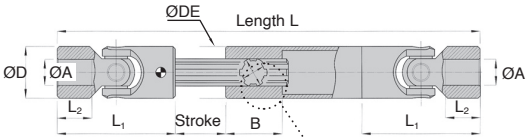
Telescopic universal joint

CT

Industrial range

- ***Standard series***
- *Smooth hardened bushes*
- *Suitable for speeds up to 800 rpm*
- *Max. angle of misalignment 45°*
- *Materials:*
  Body: C45 steel
  Pin: Hardened steel 18NCD4
- *For transmissible torques,* ***GD*** ***(tome 2 p.85)***

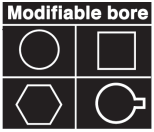




Accessories

- *Optional rubber cover* ***M*** ***(tome 2 p.96)***

Modifiable bore





DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-6%	On request

Part number	L min/ max	ØA (H7)	ØD	L1	L2	B	Stroke	E	F	ØDE	Stock*	Price each
CT10-130/150	130/150	10	22	45	10	40	20	11	14	22	✔	172,57 €
CT10-140/170	140/170	10	22	45	10	40	30	11	14	22	✔	172,57 €
CT10-160/200	160/200	10	22	45	10	40	40	11	14	22	✔	172,57 €
CT10-170/230	170/230	10	22	45	10	40	60	11	14	22	✔	172,57 €
CT10-180/240	180/240	10	22	45	10	40	60	11	14	22	-	172,57 €
CT10-230/330	230/330	10	22	45	10	40	100	11	14	22	✔	172,57 €
CT12-140/170	140/170	12	25	50	11	45	30	13	16	26	✔	182,33 €
CT12-160/200	160/200	12	25	50	11	45	40	13	16	26	-	182,33 €
CT12-180/225	180/225	12	25	50	11	45	45	13	16	26	-	182,33 €
CT12-200/270	200/270	12	25	50	11	45	70	13	16	26	✔	182,33 €
CT12-220/300	220/300	12	25	50	11	45	80	13	16	26	-	182,33 €
CT12-250/355	250/355	12	25	50	11	45	105	13	16	26	✔	182,33 €
CT12-280/420	280/420	12	25	50	11	45	140	13	16	26	✔	182,33 €
CT12-300/450	300/450	12	25	50	11	45	150	13	16	26	✔	182,33 €
CT14-160/190	160/190	14	29	56	13	45	30	13	16	29	-	188,17 €
CT14-170/200	170/200	14	29	56	13	45	30	13	16	29	✔	188,17 €
CT14-180/220	180/220	14	29	56	13	45	40	13	16	29	✔	188,17 €
CT14-210/280	210/280	14	29	56	13	45	70	13	16	29	-	188,17 €
CT14-220/300	220/300	14	29	56	13	45	80	13	16	29	-	188,17 €
CT14-250/350	250/350	14	29	56	13	45	100	13	16	29	✔	188,17 €
CT14-280/420	280/420	14	29	56	13	45	140	13	16	29	-	188,17 €
CT14-300/450	300/450	14	29	56	13	45	150	13	16	29	-	188,17 €
CT14-350/550	350/550	14	29	56	13	45	200	13	16	29	-	193,55 €
CT14-400/650	400/650	14	29	56	13	45	250	13	16	29	✔	193,55 €

**Depending on availability - Dimensions in mm*

Part number	L min/ max	ØA (H7)	ØD	L1	L2	B	Stroke	E	F	ØDE	Stock*	Price each
CT16-180/210	180/210	16	32	65	15	45	30	16	20	32	-	193,86 €
CT16-190/220	190/220	16	32	65	15	45	30	16	20	32	-	193,86 €
CT16-210/250	210/250	16	32	65	15	45	40	16	20	32	-	193,86 €
CT16-240/320	240/320	16	32	65	15	45	80	16	20	32	✔	193,86 €
CT16-250/350	250/350	16	32	65	15	45	100	16	20	32	✔	193,86 €
CT16-275/390	275/390	16	32	65	15	45	115	16	20	32	-	193,86 €
CT16-300/430	300/430	16	32	65	15	45	130	16	20	32	-	193,86 €
CT16-380/590	380/590	16	32	65	15	45	210	16	20	32	-	199,27 €
CT16-400/630	400/630	16	32	65	15	45	230	16	20	32	✔	204,67 €
CT18-195/225	195/225	18	37	72	17	45	30	16	20	37	-	217,80 €
CT18-230/280	230/280	18	37	72	17	45	50	16	20	37	-	217,80 €
CT18-250/320	250/320	18	37	72	17	45	70	16	20	37	-	217,80 €
CT18-270/370	270/370	18	37	72	17	45	100	16	20	37	-	217,80 €
CT18-290/400	290/400	18	37	72	17	45	110	16	20	37	-	217,80 €
CT18-300/415	300/415	18	37	72	17	45	115	16	20	37	-	217,80 €
CT18-400/620	400/620	18	37	72	17	45	220	16	20	37	-	228,60 €
CT18-500/820	500/820	18	37	72	17	45	320	16	20	37	-	239,41 €
CT20-220/250	220/250	20	40	82	19	45	30	18	22	40	✔	222,55 €
CT20-250/300	250/300	20	40	82	19	45	50	18	22	40	✔	228,30 €
CT20-270/340	270/340	20	40	82	19	45	70	18	22	40	-	222,55 €
CT20-290/380	290/380	20	40	82	19	45	90	18	22	40	✔	222,55 €
CT20-320/440	320/440	20	40	82	19	45	120	18	22	40	-	222,55 €
CT20-380/560	380/560	20	40	82	19	45	180	18	22	40	✔	227,97 €
CT20-420/640	420/640	20	40	82	19	45	220	18	22	40	-	233,38 €
CT20-500/800	500/800	20	40	82	19	45	300	18	22	40	✔	238,79 €
CT22-250/280	250/280	22	47	95	22	48	30	21	25	47	-	282,50 €
CT22-270/320	270/320	22	47	95	22	48	50	21	25	47	-	282,50 €
CT22-290/350	290/350	22	47	95	22	48	60	21	25	47	-	282,50 €
CT22-330/430	330/430	22	47	95	22	48	100	21	25	47	-	282,50 €
CT22-350/470	350/470	22	47	95	22	48	120	21	25	47	-	282,50 €
CT22-470/710	470/710	22	47	95	22	48	240	21	25	47	-	298,69 €
CT25-270/320	270/320	25	50	108	26	48	50	23	28	47	-	319,14 €
CT25-295/350	295/350	25	50	108	26	48	55	23	28	47	-	319,14 €
CT25-310/375	310/375	25	50	108	26	48	65	23	28	47	-	319,14 €
CT25-350/450	350/450	25	50	108	26	48	100	23	28	47	-	319,14 €
CT25-380/500	380/500	25	50	108	26	48	120	23	28	47	-	319,14 €
CT25-420/590	420/590	25	50	108	26	48	170	23	28	47	-	319,14 €
CT25-460/660	460/660	25	50	108	26	48	200	23	28	47	-	319,14 €
CT25-500/745	500/745	25	50	108	26	48	245	23	28	47	✔	319,14 €
CT30-320/390	320/390	30	58	122	30	50	70	26	32	60	-	On request
CT30-350/420	350/420	30	58	122	30	50	70	26	32	60	-	On request
CT30-370/455	370/455	30	58	122	30	50	85	26	32	60	-	On request
CT30-400/510	400/510	30	58	122	30	50	110	26	32	60	-	On request
CT30-450/620	450/620	30	58	122	30	50	170	26	32	60	-	On request
CT30-500/720	500/720	30	58	122	30	50	220	26	32	60	-	On request
CT30-540/795	540/795	30	58	122	30	50	255	26	32	60	-	On request

*Depending on availability - Dimensions in mm

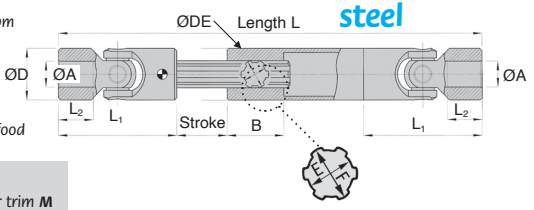
Telescopic universal joint stainless steel

CTss

Low duty

- ***Standard series stainless steel version***
- *Plain bearings*
- *Max. misalignment angle 45°*
- *Material:*
  Stainless steel 304
- *Maximum speed 800 rpm*
- *Transmissible torque, see universal joint* ***JCD (tome 2 p.89)***





Applications

- *Pharmaceutical and food industries*

Accessory

- *Don't forget the cover trim* ***M*** ***(tome 2 p.96)***

Modifiable bore



DISCOUNTS

Qty	1+	2+	4+
Disc.	Price	-15%	On request

Part number	L min/ max	ØA	ØD	L1	L2	B	Stroke	E	F	ØDt	Price each
CT10-210/230/SS	210/230	10	22	76	25	30	20	11	14	21,2	380,97 €
CT10-220/250/SS	220/250	10	22	76	25	30	30	11	14	21,2	380,97 €
CT10-240/290/SS	240/290	10	22	76	25	30	50	11	14	21,2	380,97 €
CT10-260/300/SS	260/300	10	22	76	25	30	40	11	14	21,2	380,97 €
CT10-280/370/SS	280/370	10	22	76	25	30	90	11	14	21,2	380,97 €
CT12-220/230/SS	220/230	12	25	86	29	35	10	13	16	26,5	396,22 €
CT12-230/250/SS	230/250	12	25	86	29	35	20	13	16	26,5	396,21 €
CT12-250/290/SS	250/290	12	25	86	29	35	40	13	16	26,5	396,22 €
CT12-290/370/SS	290/370	12	25	86	29	35	80	13	16	26,5	396,21 €
CT12-330/450/SS	330/450	12	25	86	29	35	120	13	16	26,5	396,22 €
CT14-240/260/SS	240/260	14	29	90	30	35	20	13	16	26,5	412,18 €
CT14-260/300/SS	260/300	14	29	90	30	35	40	13	16	26,5	412,18 €
CT14-280/340/SS	280/340	14	29	90	30	35	60	13	16	26,5	412,18 €
CT14-320/420/SS	320/420	14	29	90	30	35	100	13	16	26,5	412,18 €
CT14-380/500/SS	380/500	14	29	90	30	35	120	13	16	26,5	412,18 €
CT14-440/600/SS	440/600	14	29	90	30	35	160	13	16	26,5	412,18 €

Dimensions in mm

DISCOUNTS

Qty	1+	2+	4+
Disc.	Price	-15%	On request

Part number	L min/ max	ØA	ØD	L1	L2	B	Stroke	E	F	ØDt	Price each
CT16-250/270/SS	250/270	16	32	95	30	40	20	16	20	32,5	420,02 €
CT16-260/290/SS	260/290	16	32	95	30	40	30	16	20	32,5	420,00 €
CT16-290/350/SS	290/350	16	32	95	30	40	60	16	20	32,5	420,00 €
CT16-330/430/SS	330/430	16	32	95	30	40	100	16	20	32,5	420,00 €
CT16-400/570/SS	400/570	16	32	95	30	40	170	16	20	32,5	420,00 €
CT16-500/720/SS	500/720	16	32	95	30	40	220	16	20	32,5	420,00 €
CT18-270/280/SS	270/280	18	37	108	35	40	10	16	20	32,5	475,44 €
CT18-280/300/SS	280/300	18	37	108	35	40	20	16	20	32,5	475,44 €
CT18-300/340/SS	300/340	18	37	108	35	40	40	16	20	32,5	475,44 €
CT18-330/400/SS	330/400	18	37	108	35	40	70	16	20	32,5	475,44 €
CT18-380/500/SS	380/500	18	37	108	35	40	120	16	20	32,5	475,44 €
CT18-450/620/SS	450/620	18	37	108	35	40	170	16	20	32,5	475,44 €
CT20-280/290/SS	280/290	20	40	108	32	48	10	18	22	41,5	483,42 €
CT20-290/310/SS	290/310	20	40	108	32	48	20	18	22	41,5	483,42 €
CT20-310/350/SS	310/350	20	40	108	32	48	40	18	22	41,5	483,42 €
CT20-350/430/SS	350/430	20	40	108	32	48	80	18	22	41,5	483,44 €
CT20-400/530/SS	400/530	20	40	108	32	48	130	18	22	41,5	483,42 €
CT20-500/730/SS	500/730	20	40	108	32	48	230	18	22	41,5	483,42 €
CT20-550/830/SS	550/830	20	40	108	32	48	280	18	22	41,5	483,42 €
CT22-320/330/SS	320/330	22	47	127	38	48	10	21	25	47,5	609,56 €
CT22-330/350/SS	330/350	22	47	127	38	48	20	21	25	47,5	609,56 €
CT22-350/390/SS	350/390	22	47	127	38	48	40	21	25	47,5	609,56 €
CT22-390/470/SS	390/470	22	47	127	38	48	80	21	25	47,5	609,56 €
CT22-460/600/SS	460/600	22	47	127	38	48	140	21	25	47,5	609,56 €
CT22-560/800/SS	560/800	22	47	127	38	48	240	21	25	47,5	609,56 €
CT25-340/350/SS	340/350	25	50	140	44	48	10	23	28	47,5	692,97 €
CT25-350/370/SS	350/370	25	50	140	44	48	20	23	28	47,5	692,97 €
CT25-370/400/SS	370/400	25	50	140	44	48	30	23	28	47,5	692,97 €
CT25-400/460/SS	400/460	25	50	140	44	48	60	23	28	47,5	692,97 €
CT25-450/550/SS	450/550	25	50	140	44	48	100	23	28	47,5	692,97 €
CT25-500/650/SS	500/650	25	50	140	44	48	150	23	28	47,5	692,97 €
CT25-600/850/SS	600/850	25	50	140	44	48	250	23	28	47,5	692,97 €
CT30-420/430/SS	420/430	30	58	178	58	48	10	26	32	60	943,37 €
CT30-430/450/SS	430/450	30	58	178	58	48	20	26	32	60	943,37 €
CT30-450/490/SS	450/490	30	58	178	58	48	40	26	32	60	943,37 €
CT30-490/570/SS	490/570	30	58	178	58	48	80	26	32	60	943,37 €
CT30-550/690/SS	550/690	30	58	178	58	48	140	26	32	60	943,37 €
CT30-650/890/SS	650/890	30	58	178	58	48	240	26	32	60	943,37 €

Dimensions in mm

Universal joint cover

M

Rubber

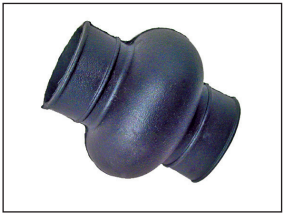
- ***Bellows for single joints***
- *For double joints. use two covers*

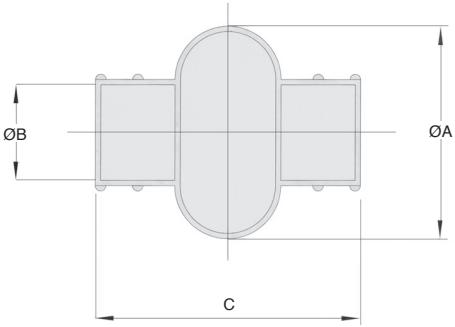
Advantages

- *The use of a cover can extend the operating life of a universal joint 5 times*

Accessories

- *See universal joint coupling Buyers guide* ***(tome 2 p.80)***





DISCOUNTS

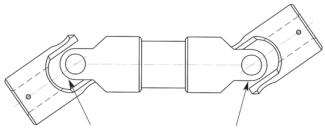
Qty	1+	2+	4+	10+
Disc.	List	-6%	-12%	On request

Part number	Joint bore-size (approx)	For universal joint Øext	ØA	ØB	C		Price each
M03-A-10	10	20-22	39	20,5	47	✔	10,04 €
M04-A-12	12	25	47	24,5	52	✔	10,04 €
M05-A-14	14	29	51	27,5	58	✔	10,45 €
M1-A-16	16	32	56	30,5	67	✔	11,40 €
M2-A-18	18	37	66	35,5	74	✔	11,51 €
M3-A-20	20	40	75	40,0	84	✔	16,70 €
M4-A-22	22	47	83	45,0	97	✔	15,71 €
M5-A-25	25	50	93	50,0	110	✔	18,11 €
M6-A-30	30	58	105	56,0	124	✔	17,05 €

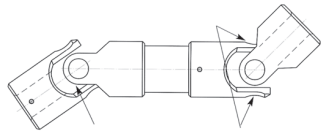
**Depending on availability - Dimensions in mm*

Use and maintenance of universal joints

The yokes should be positioned as shown in the diagram in order to obtain an uniform movement.



Correct assembly
Yokes well-positioned



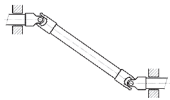
Incorrect assembly
Yokes badly-positioned

Maintenance of universal joints is limited to regular lubrification at least once a day. In a dusty environment, the use of a grease-filled joint cover is recommended.

Several rules should be followed for a universal joint to work correctly:

- *It is rare for a single joint to be used alone. They are normally only used in manually operated systems.*
- *Assembly of two single joints (a double joint) allows speed irregularities of a single joint to be corrected by another joint exhibiting the same irregularities in the opposite direction. This combination forms what is known as a constant velocity joint.*

2 single joints

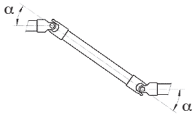


for constant velocity movement, the two angles should be equal and in the same plane

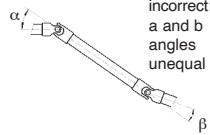


double joint

correct: a angles equal

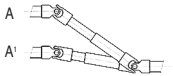


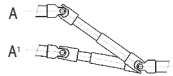
Entry and exit shafts should be parallel



incorrect: a and b angles unequal

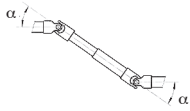
correct: A parallel to A¹



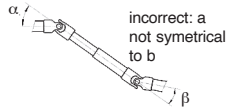


incorrect: A not parallel to A¹

correct: a symetrical to a



Shafts should be guided by bearings as close to joint as possible to reduce radial loads.



incorrect: a not symetrical to b