

# 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

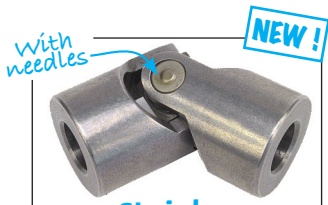
- For high rotational speeds
- For applications requiring low backlash
- Pharmaceutical and food industries

### Option

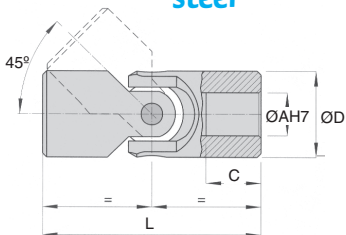
- Bore modification, keyway

### Accessory

- Don't forget the cover trim M (tome 2 p.92)



**Stainless steel**



### 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)						Price each
					at 250 rpm	at 500 rpm	at 1000 rpm	at 2000 rpm	at 3000 rpm	at 4000 rpm	
H03-A-10/10/SS	20	10	18	62	21,12	16,32	13,44	10,56	9,60	8,64	100,70 €
H05-A-14/14/SS	25	14	20	74	32,64	27,84	23,04	21,12	19,20	17,28	100,70 €
H1-A-16/16/SS	32	16	24	86	62,40	52,80	43,20	38,40	35,52	30,72	111,47 €
H3-A-20/20/SS	40	20	30	108	134,40	115,20	96,00	76,80	67,20	62,40	134,53 €
H5-A-25/25/SS	50	25	38	132	192,00	163,20	124,80	105,60	86,40	81,60	172,63 €
H6-A-30/30/SS	63	30	45	166	288,00	259,20	220,80	182,40	153,60	134,40	222,96 €

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

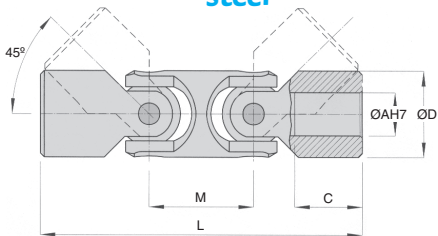
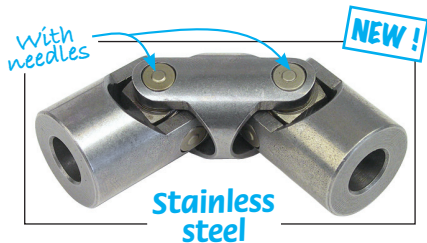
- For high rotational speeds
- For applications requiring low backlash
- Pharmaceutical and food industries

### Options

- Bore modification, keyway

### Accessory

- Don't forget the cover trim M (tome 2 p.92)



### 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)						Price each
						at 250 rpm	at 500 rpm	at 1000 rpm	at 2000 rpm	at 3000 rpm	at 4000 rpm	
HD03-A-10/10/SS	20	10	18	26	88	21,12	16,32	13,44	10,56	9,60	8,64	201,42 €
HD05-A-14/14/SS	25	14	19	33	104	32,64	27,84	23,04	21,12	19,20	17,28	201,42 €
HD1-A-16/16/SS	32	16	24	39	125	62,40	52,80	43,20	38,40	35,52	30,72	222,96 €
HD3-A-20/20/SS	40	20	30	48	156	134,40	115,20	96,00	76,80	67,20	62,40	269,06 €
HD5-A-25/25/SS	50	25	37	59	188	192,00	163,20	124,80	105,60	86,40	81,60	345,26 €
HD6-A-30/30/SS	63	30	41	80	238	288,00	259,20	220,80	182,40	153,60	134,40	445,92 €

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.85)

### Applications

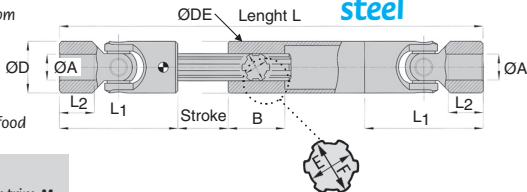
- Pharmaceutical and food industries

### Accessory

- Don't forget the cover trim M (tome 2 p.92)



**Stainless steel**



### Modifiable bore



### DISCOUNTS

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

Part number	L		ØA	ØD	L1	L2	B	Stroke	E	F	ØDt	Price each
	min/	max										
CT10-210/230/SS	210/230		10	22	76	25	30	20	11	14	21,2	345,80 €
CT10-220/250/SS	220/250		10	22	76	25	30	30	11	14	21,2	345,80 €
CT10-240/290/SS	240/290		10	22	76	25	30	50	11	14	21,2	345,80 €
CT10-260/300/SS	260/300		10	22	76	25	30	40	11	14	21,2	345,80 €
CT10-280/370/SS	280/370		10	22	76	25	30	90	11	14	21,2	345,80 €
CT12-220/230/SS	220/230		12	25	86	29	35	10	13	16	26,5	359,64 €
CT12-230/250/SS	230/250		12	25	86	29	35	20	13	16	26,5	359,63 €
CT12-250/290/SS	250/290		12	25	86	29	35	40	13	16	26,5	359,64 €
CT12-290/370/SS	290/370		12	25	86	29	35	80	13	16	26,5	359,63 €
CT12-330/450/SS	330/450		12	25	86	29	35	120	13	16	26,5	359,64 €
CT14-240/260/SS	240/260		14	29	90	30	35	20	13	16	26,5	374,13 €
CT14-260/300/SS	260/300		14	29	90	30	35	40	13	16	26,5	374,13 €
CT14-280/340/SS	280/340		14	29	90	30	35	60	13	16	26,5	374,13 €
CT14-320/420/SS	320/420		14	29	90	30	35	100	13	16	26,5	374,13 €
CT14-380/500/SS	380/500		14	29	90	30	35	120	13	16	26,5	374,13 €
CT14-440/600/SS	440/600		14	29	90	30	35	160	13	16	26,5	374,13 €

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	381,24 €
CT16-260/290/SS	260/290	16	32	95	30	40	30	16	20	32,5	381,23 €
CT16-290/350/SS	290/350	16	32	95	30	40	60	16	20	32,5	381,23 €
CT16-330/430/SS	330/430	16	32	95	30	40	100	16	20	32,5	381,23 €
CT16-400/570/SS	400/570	16	32	95	30	40	170	16	20	32,5	381,23 €
CT16-500/720/SS	500/720	16	32	95	30	40	220	16	20	32,5	381,23 €
CT18-270/280/SS	270/280	18	37	108	35	40	10	16	20	32,5	431,55 €
CT18-280/300/SS	280/300	18	37	108	35	40	20	16	20	32,5	431,55 €
CT18-300/340/SS	300/340	18	37	108	35	40	40	16	20	32,5	431,55 €
CT18-330/400/SS	330/400	18	37	108	35	40	70	16	20	32,5	431,55 €
CT18-380/500/SS	380/500	18	37	108	35	40	120	16	20	32,5	431,55 €
CT18-450/620/SS	450/620	18	37	108	35	40	170	16	20	32,5	431,55 €
CT20-280/290/SS	280/290	20	40	108	32	48	10	18	22	41,5	438,79 €
CT20-290/310/SS	290/310	20	40	108	32	48	20	18	22	41,5	438,79 €
CT20-310/350/SS	310/350	20	40	108	32	48	40	18	22	41,5	438,79 €
CT20-350/430/SS	350/430	20	40	108	32	48	80	18	22	41,5	438,81 €
CT20-400/530/SS	400/530	20	40	108	32	48	130	18	22	41,5	438,79 €
CT20-500/730/SS	500/730	20	40	108	32	48	230	18	22	41,5	438,79 €
CT20-550/830/SS	550/830	20	40	108	32	48	280	18	22	41,5	438,79 €
CT22-320/330/SS	320/330	22	47	127	38	48	10	21	25	47,5	553,29 €
CT22-330/350/SS	330/350	22	47	127	38	48	20	21	25	47,5	553,29 €
CT22-350/390/SS	350/390	22	47	127	38	48	40	21	25	47,5	553,29 €
CT22-390/470/SS	390/470	22	47	127	38	48	80	21	25	47,5	553,29 €
CT22-460/600/SS	460/600	22	47	127	38	48	140	21	25	47,5	553,29 €
CT22-560/800/SS	560/800	22	47	127	38	48	240	21	25	47,5	553,29 €
CT25-340/350/SS	340/350	25	50	140	44	48	10	23	28	47,5	553,29 €
CT25-350/370/SS	350/370	25	50	140	44	48	20	23	28	47,5	553,29 €
CT25-370/400/SS	370/400	25	50	140	44	48	30	23	28	47,5	553,29 €
CT25-400/460/SS	400/460	25	50	140	44	48	60	23	28	47,5	553,29 €
CT25-450/550/SS	450/550	25	50	140	44	48	100	23	28	47,5	553,29 €
CT25-500/650/SS	500/650	25	50	140	44	48	150	23	28	47,5	553,29 €
CT25-600/850/SS	600/850	25	50	140	44	48	250	23	28	47,5	553,29 €
CT30-420/430/SS	420/430	30	58	178	58	48	10	26	32	60	856,28 €
CT30-430/450/SS	430/450	30	58	178	58	48	20	26	32	60	856,28 €
CT30-450/490/SS	450/490	30	58	178	58	48	40	26	32	60	856,28 €
CT30-490/570/SS	490/570	30	58	178	58	48	80	26	32	60	856,28 €
CT30-550/690/SS	550/690	30	58	178	58	48	140	26	32	60	856,28 €
CT30-650/890/SS	650/890	30	58	178	58	48	240	26	32	60	856,28 €

Dimensions in mm

## Our other products



BAN

Angular clamp,  
Universal



SLB

Indexing plunger,  
steel class 5.8



PCS8ECO

Chain sprocket - steel,  
8mm (DIN 05B-1)



SSDB

Stainless steel bevel  
gear, 2:1



CHM40-MOT

Asynchronous AC  
motorgearboxes 0.18  
to 0.55kW, 0.18 to  
0.55kW



VTHbr

Hexagonal headed  
screw VTH - DIN933,  
Brass



CFUURSS

Cam follower stainless  
steel, Standard -  
stainless steel



M1

Worm and wheel set,  
Non hardened steel



CHAu

Screwed hinge, 270°



PNA

PERIFLEX® elastic  
coupling, Complete  
coupling



PRF\_PL\_9090

Joining plate for  
aluminium profile,  
Joint plate - 90x90



PLC\_PLT

Magnetic stud with  
central hole, With  
central hole

## Complementary products



H025S

Needle roller universal  
joint - Stainless steel,  
Heavy duty  
DIN808-7...



M

Bellows cover,  
Accessory:



HD

Double needle roller  
universal joint, Heavy  
duty



JCDss

Double universal joint  
- Stainless steel, Low  
duty