

# Single needle roller universal joint stainless steel



## Hss

## Industrial range DIN808-7551

- **Stainless steel range**
- Needle bearings
- Max. misalignment angle 45°
- Materials:  
Stainless steel X5CrNi1810,  
Bearings: stainless steel X20Cr13
- Max. speed: 3600 rpm

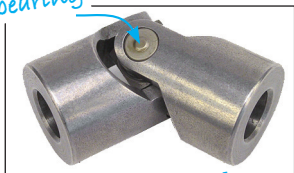
### Uses

- High speed applications
- For applications with low backlash
- Food and pharmaceutical industries

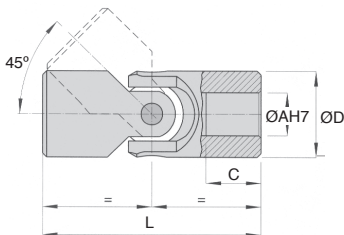
### Accessories

- Optional rubber cover M (v.2, page 96)

With needle bearing



stainless steel



### 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  $100/0.75 = 133$ .

Part number	ØD	ØA	C	L	Price each
H03-A-10/10/SS	20	10	18	62	On request
H05-A-14/14/SS	25	14	20	74	On request
H1-A-16/16/SS	32	16	24	86	On request
H3-A-20/20/SS	40	20	30	108	On request
H5-A-25/25/SS	50	25	38	132	On request
H6-A-30/30/SS	63	30	45	166	On request

Dimensions in mm

**HPC**

WEB  
04/2020

www.hpceurope.com

Tél: 0 825 88 5000 Service 0,15 €/min + prix appel

## Our other products



ZDB

Machined plastic  
bevel gear (delrin),  
2:1



SNG

Pillow block, Cast iron  
- Split pillow



PW\_PWG05

Worm - precision  
range, Stainless steel



DB\_ECO

Bevel gear - Steel  
C43, 2:1



HG5

Spur gear, Steel  
20NC22



MDR\_SS

Shackle with eye bolt,  
Stainless steel



GP

Spring loaded toggle  
latch, Standard



DEP

Tools Hygienic Usit®  
and Hygienic  
Design®, Socket for  
mounting Hygienic



BAN

Angular clamp,  
Universal



CHT80

3 phase AC  
asynchronous motor,  
0.55 to 1.1kW



WJUM16

Drylin® W modular  
guidance, Slide



712\_001

Threaded spherical  
knob, spherical

## Complementary products



M

Bellows cover,  
Standard



JCDss

Universal joint -  
stainless steel, Plain  
bearings - double



JCSss

Universal joint -  
stainless steel,  
Treated bearings -  
single



H02

Universal joint - steel,  
Needle bearings -  
single