DATA SHEET EN14420-7

E	200	SS	SECURITY
Coupling - Type	DN	Material	BSP = Thread
Male Coupling with Hose-shank	2”	SS = CF8M/316	DIN = for safety clamps / thread seal

1. THE STANDARD

The Camlock coupling is originally from USA, and probabaly the most common and most used coupling system in the world. It was developed and founded within the US military norm Mil-C-27487.

This norm was replaced by the Federal Mil-A-A-59326A norm in 1999.

During the common standardization among Europe in 2004, the EN 14420-7 norm was introduced. This new norm replaced the old DIN 2828. The main changes were, that the inner thread (part A and D) got a flat seal and the shanks got a safety collar for safety clamps (part C + E).

All of the coupling & parts exceed the requirements of the norm.

2. THE COUPLING IN DETAILS

a. Identification of the coupling part with branding, other site type, size & material
b. Lever in Inox, AISI 304
c. Standard eyelet with interlock system
d. All couplings are delivered with metal locking pin
e. Standardichtung nbr standard seal in NBR

The couplings are manufactured in 4 different materials:

- Inox: AISI 316/CF8M/1.4401
- Aluminum: asG7
- Brass: astM bs84
- Polyproplyen: with 25-30% glass fiber

3. THE PRODUCT RANGE

Couplings with grooved hose shank (part C and E):
Recommended to use clamping band or clamps.

Couplings with hose shank (part C and E acc. to EN norm 14420):
Recommended to use safety clamp shells and ferrules.

Coupling with male / female thread (part B+F / A+D): Standard with BSP thread, other types of thread, like npt on request.

Coupling for welding: “butt welded”

Type “socked welded” on request.

4. GASKETS IN OUR PRODUCT RANGE

Other seals on request, available types.

- CSM (Hypalon)
- EPDM
- FKM
- PTFE coated, open on the side with
  - NBR
  - EPDM
  - FKM
- PTFE fully coated, silicone core

+31 (0)223 768 213 info@unishore.nl Unishore B.V. Handelsweg 12 1785 AE Den Helder NL