

### Vibration and noise reducing NRC-Clamp

## Type NRC-H for gentle guidance of multi-spiral hydraulic hoses









Group		Outside-		Ordering Codes			Dimensions					
AUFF	z	Diameter Hose Ø D1		Clamp Assembly (Clamp Body +	Clamp Body (2 Clamp	NRC-H Insert	( <sup>mm</sup> /in)					
SI	ō	(mm)	(in)	NRC-H Insert)	Halves)	(2 Halves)	ØD2	ØD3	L1	L2	Н	Width
6S	4	38	1-1/2	6038-PP-NRC-H	6S-PP-NRC	RI-NRC-H-38-6S-SA73	79	80	115	90	85	45
		52		6052-PP-NRC-H		RI-NRC-H-52-6S-SA73						
		55,7		6055.7-PP-NRC-H		RI-NRC-H-55.7-6S-SA73	3.11	3.14	4.03	3.34	3.30	1.11

Additional outside diameters are available upon request. Please contact STAUFF for further information.

### **Product Features**

- Designed for the noise and vibration reducing installation of multi-spiral hydraulic hoses
- Working principle based on a specially shaped, two-part elastomer insert, which mechanically
  absorbs vibration in the hose and as a result reduces noises arising to a minimum
- Elastomer insert is in particular distinguished by how little of its surface is in contact with the hose e as well as with the clamp body
- Multi-spiral hydraulic hoses retains a certain defined "freedom of movement" in the radial direction, so that tolerance can be compensated and the outer diameter of the hose can change to the necessary extent due to the pressure pulsation
- Elastomer insert has been adapted to hydraulic hoses in terms of its contour (much larger outlet radii and longitudinal ribs) and elasticity
- Longitudinal ribs in the elastomer insert allow the compensation of changes in the diameter of the hose while at the same time ensuring gentle yet stable fixation

## **Ordering Codes**

# **Clamp Assembly**

### \*6\*038-\*PP-NRC-H

One assembly is consisting of two clamp halves and two insert halves.				
STAUFF Group	6S			
Exact outside diameter Ø D1 (mm)	38			
Material code (see below)	PP-NRC-H			

## **NRC Clamp Body**

#### \*6S-\*PP-NRC

One NRC clamp body is consisting of two clamp halves.

\* STAUFF Group 6S \* Material code (see below) PP-NRC

Material code (see below)	PP-N

# **NRC-H Elastomer Insert**

### \*RI-NRC-H\*38-\*6S-\*SA73

One NRC-H elastomer insert is consisting of two insert halves.

- \* NRC-H-Elastomer Insert
   RI-NRC-H

   \* Exact outside diameter Ø D1 (mm)
   38

   \* STAUFF Group
   65
- \* Material and Shore hardness SA73

### **Standard Materials**

#### Polypropylene Colour: Black



Material code Clamp Assembly: **PP-NRC-H** Material code Clamp Body: **PP-NRC** 

#### Polyamide



Colour: Black Material code Clamp Assembly: PA-NRC-H Material code Clamp Body: PA-NRC



Elastomer Insert

Thermoplastic Elastomer (73 Shore-A) Colour: Black

See pages 154 / 155 Catalogue 1 - STAUFF Clamps for material properties and technical information.

Alternative materials are available upon request. Please contact STAUFF for further information.