

- 1 Powerful clamping brackets structure**  
- secure grip
- 2 Robust band with rounded edges**  
- prevents injuries and damage to hoses
- 3 Sturdy bracket**  
- secure retention

### Retaining clamps with brackets

NORMAFIX® HMK retaining clamps with brackets are used when high mechanical force is needed for retaining containers or pipes on ceilings and walls as well as in machine building and plant construction applications.

#### Standard design

This version features an “open” bracket, making it suitable for all applications in which relatively light structures are being retained and which are subject to low mechanical loads. The standard version of the retaining clamps is available in one or two parts, and with band widths of 15, 20 and 25 mm.

These clamps can be fitted with a rubber profile for shock absorption purposes. The rubber profile simultaneously protects against the ingress of creeping water.

#### Advantages at a glance

- ✓ For high mechanical force
- ✓ Stable construction
- ✓ Chromium (VI)-free surface

#### Applications

- Machine building
- Chemical industry
- Irrigation systems
- Ship manufacturing
- Food and beverage industry
- Railway industry
- Agricultural machines
- Building machines
- Engine manufacturing
- Pump and filter
- Mining industry

#### Materials

W1	W2	W3	W4	W5
x			x	x

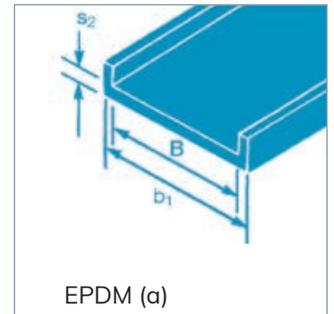
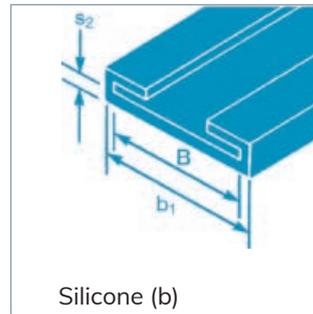
## Rubber profiles

The rubber profiles are available in EPDM (type a) and silicone (type b) material versions.

B = band width of clamp in mm  
 $b_1$  = width in mm  
 $s_2$  = material thickness in mm

All clamps with rubber profiles are pre-assembled. The complete clamps are supplied ready for use.

When submitting requests/orders for NORMAFIX® HMK retaining clamps with brackets, please specify which rubber profile you require.



B	$b_1 \approx$	$s_2$
15	18.5	1.5
20	25	2.0
25	31	3.0
30	36	3.0

## Technical data & Ordering information



NORMAFIX® HMK (standard design)												
Band width in mm	Designation	Min. $\phi$ in mm	Min. $\phi$ in in.	Bolts			d in mm	Rubber profile		s in mm		Part Group
				$S_z$	$S_k$	Dimensions		Silicone	EPDM	W1	W5	
15	HMK STANDARD 25/15	25	1	x		M6 x 30	6.5	x	x	0.8	0.6	1416
20	HMK STANDARD 30/20	30	1 3/16	x		M8 x 40	8.5	x	x	1.0-1.5	0.8	1516
25	HMK STANDARD 50/25	50	2		x	M10 x 45	11	x	x	1.5	1.0	1616

When submitting requests and orders, please specify the data in the following manner:

	1. Type	2. Parts	3. Diameter	4. Band width	5. Bolt	6. Material
Example	HMK STANDARD	1616	80	25	SK	W1

## Single-part heavy duty



The NORMACLAMP® HMK single-part heavy duty is suitable for applications with high mechanical loads and for retaining extremely heavy pipes and connectors.

### Advantages at a glance

- Stable construction
- Chromium (VI)-free surface
- EPDM Rubber profile

### Materials

W1, W4

## Two-parts heavy duty



In the NORMACLAMP® HMK two-parts heavy duty version, the ends of the brackets are folded back and spot-welded onto the band.

### Advantages at a glance

- Stable construction
- Chromium (VI)-free surface
- EPDM Rubber profile
- Two-parts clamp for bigger clamping range
- Suitable for larger hoses

### Materials

W1, W4

## K1



The NORMACLAMP® HMK K1 are prefabricated brackets which you can use to transform NORMACLAMP® standard clamps (types GBS, HD, SP and TORRO) into retaining clamps with brackets in no time at all. Just open the standard clamp, guide the band through the bracket slot, and that's all there is to it.

### Advantages at a glance

- Suitable for many clamp versions
- Easy to use

### Material

W1