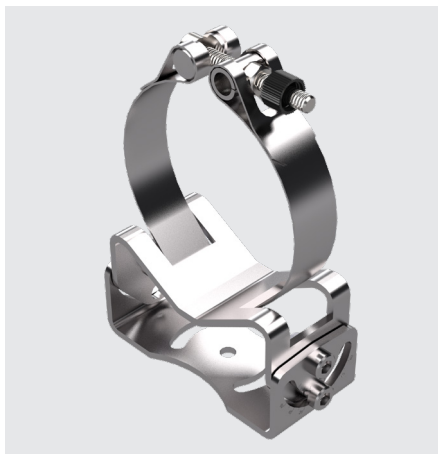


Swivel bolt clamp HRGKSM-S



Technical characteristics

- Clamping range
Ø 40 – 100 mm
Ø 101 – 163 mm
Ø 163 – 234 mm
Other versions on request
- Vertical swivel angle:
approx. 156°
- Horizontal turning angle:
approx. ± 30°
- Material:
Steel / stainless steel

DESCRIPTION

- Two-part band clamp for efficient assembly of elements in various desired orientations
- The upper and lower bracket sections are connected to each other via a swivel bearing that allows them to pivot
- The selected swivel position can be locked by means of a locking mechanism
- Additional fixing screws can be used to securely fix the alignment position
- Among other things, used as a pivotable bracket for aerosol tanks in fire extinguishing systems

PRODUCT FEATURES

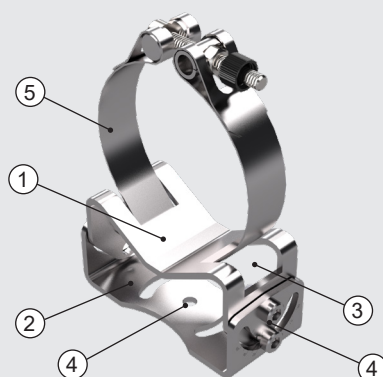
- Universal use
- Lower costs, as less time and effort required for installation
- Can be used on rectangular support structures
- Easy installation via patented quick coupler

CUSTOMER BENEFITS

- Highly flexible: Pivotable alignment enables installation in various positions and angles
- Time efficiency: Minimised installation effort saves working time and costs
- Secure mounting: Locking mechanism and additional fixing screws ensure maximum stability
- Space-saving solution: Compact design for easy integration into existing systems

Item	Description
(1)	Upper bracket section for holding the band strap
(2)	Lower bracket section for mounting the support structure
(3)	Entry for band strap
(4)	Pivot bearings
(5)	Band strap

DESIGN



APPLICATION



Model code

(also order example)

HRGKSM - 2 - S - 186-194 / 192 - A2 - HL3**Name**

HRGKSM = HY-ROS swivel bolt clamping band "Multi"

Size

0 = 42 mm x 91 mm
1 = 52 mm x 113 mm
2 = 66 mm x 165 mm

Version

S = Swivel bolt clamp

Diameter range *

(as per dimensions)

Type *

(as per dimensions)

Material of steel parts

F1 ZN = Galvanised steel
A2 = Stainless steel (on request)
A4 = Stainless steel (on request)

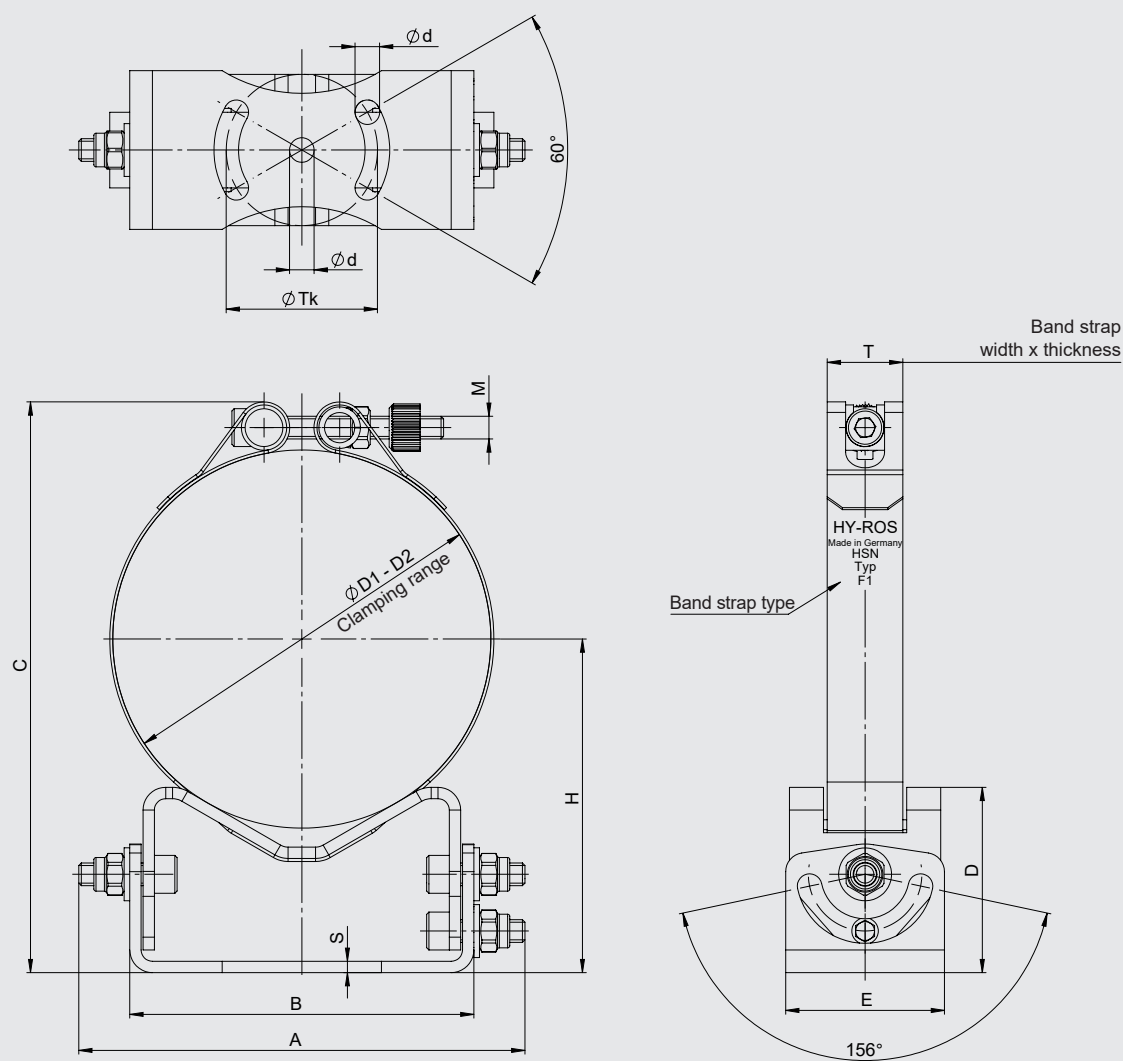
Special version

O.PE = Without plastic strip
HL3 = Fire protection underlay as per EN 45545 HL3
Hxx = Special height of bracket
Txx = Special thickness of bracket sheet
66x115 = Special dimension of bracket

* The clamp diameter and type are determined according to customer requirements.
Simply state the desired diameter when placing the order.

HRGKSM-S

Scale drawing



Size	Clamping range [mm]	M	T [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	H [mm]	$\varnothing T_k$ [mm]	$\varnothing d$ [mm]	S [mm]
0	44 – 100	M6x50	20x0.8	118	91	90 – 151	49	42	55.9 – 88.2	40	6.5	3
1	101 – 163	M8x80	25x1.0	162	129	169 – 236	69	62	102.1 – 137.2	60	8.5	4
2	163 – 234	M8x80	25x1.0	198	165	250 – 327	97.5	62	151 – 192	60	8.5	4

NOTE

Ø D1-D2 is determined as per customer's requirements.
Simply state the desired diameter when placing the order.

TECHNICAL DATA

Clamping range	Ø 44 – 234 mm in three sizes, others on request
Material	Steel, stainless steel
Vertical swivel angle	approx. 156°
Horizontal turning angle	approx. ± 30°

MAXIMUM STATIC LOAD VALUES

Size	Clamping range [mm]	Tightening torque [Nm]	
		Galvanised locking parts (Friction coefficient 0.12–0.18 μ)	Locking parts in A2 (thread lubricated with Gleitmo 805)
0	44 – 100	8 ⁺²	7 ⁺²
1	101 – 163	17 ⁺²	9 ⁺²
2	163 – 234	17 ⁺²	9 ⁺²

Tightening torque applies as upper limit; lower values permissible depending on application.
The tightening torque must be increased by approx. 3–5 Nm for self-locking nuts.

NOTICE

Mounting technology is safety technology. Therefore, only trained personnel may mount and install our fasteners. We shall assume warranty and liability only for the flawlessness of our delivery item as such. We will accept no responsibility for the suitability of the environmental conditions or for proper installation.

NOTE

The information provided in this brochure refers to the described operating conditions and applications.

For applications and operating conditions not described, please contact the relevant technical department.

The operator is always responsible for determining the product suitability for the specific application. Figures given for product characteristics are average values for a new product which are subject to an ageing process.

Subject to technical modifications and errors.

HYDAC ACCESSORIES GMBH
Hirschbachstr. 2
66280 Sulzbach/Saar, Germany
Phone: +49 6897 509-01
E-mail: accessories@hydac.com
www.hydac.com