



- 1 LOT NUMBER STAMPED ON CLAMP BAND**
- Safe retraceability
- 2 NORMA LOGO**
- The visible sign for high quality
- 3 ORGANIC/INORGANIC COATING**
- Optimal protection against corrosion
- 4 NOMINAL DIAMETER STAMPED ON THE CLAMP**
- Prevention of errors
- 5 SPECIAL DESIGN**
- Uniform distribution of clamping forces and optimal roundness
- 6 ROUND BAND EDGES**
- Optimal hose protection

FBS Springband hose clips in acc. with DIN 3021

Thanks to their dynamic spring properties, NORMACLAMP® FBS springband hose clamps are the perfect choice for hose spigot systems that are exposed to significant temperature fluctuations. Once installed, NORMACLAMP® FBS clamps ensure an automatic re-tensioning effect for an extended period. Even at low temperatures, this mechanism still enables sufficiently high levels of radial clamping force to be achieved, which in turn ensure excellent sealing reliability. With NORMACLAMP® FBS clamps, even hoses that are exposed to significant temperature fluctuations or have a tendency to “creep” can be joined securely.

A German-made springband hose clamp with dynamic spring properties, which ensure an automatic re-tensioning effect. Manual or pneumatic tools are used for professional installation.

Advantages at a glance

- One-piece, bolt-free hose clamp.
- Even distribution of clamping force.
- Optimum roundness.
- Temperature Resistance -40°C to 200°C

Applications

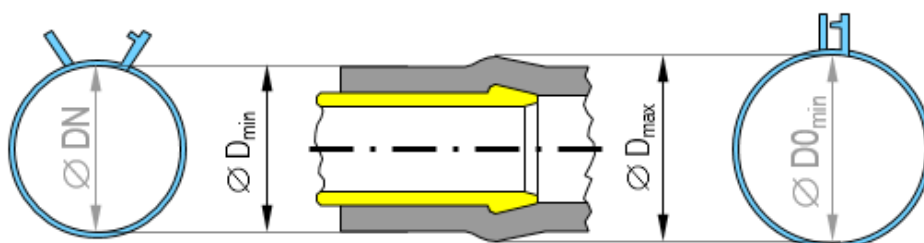
- Automotive - Cooling/Heating Water Circuits (CWS)
- Fuel Ventilation Systems (FVS)
- Air Ducts
- Agriculture
- Machine Building
- White Goods / Household Appliances

Materials

C 75 S (1.1248) spring steel
Zinc / aluminium coating
Corrosion resistance (salt spray) >480 h

Sizes

Nominal diameter from 10.0 up to 60.0mm
– different gradations 8 & 12mm Band Width



MADE IN GERMANY



NORMACLAMP® FBS Spring Band Hose Clips - Trade Packs and Cartons

Material: C 75 S



10 PACK PART NUMBER	10 PACK ITEM NUMBER	100 CARTON PART NUMBER	100 CARTON ITEM NUMBER	DN MM	DO MIN MM	BAND WIDTH
UM5073P	08250311067	UM5073	08270300004	10.0MM	11.0MM	8.0MM
FBS 13/12P	08250311068	FBS 13/12	01128024013	13.0MM	14.5MM	12.0MM
UM5077P	08250311069	UM5077	08270300008	13.0MM	14.0MM	8.0MM
FBS 14/12P	08250311070	FBS 14/12	01128024014	14.0MM	15.8MM	12.0MM
FBS 15/12P	08250311071	FBS 15/12	01128024015	15.0MM	16.8MM	12.0MM
FBS 16/12P	08250311072	FBS 16/12	01128024016	16.0MM	17.5MM	12.0MM
FBS 17/12P	08250311073	FBS 17/12	01128024017	17.0MM	18.5MM	12.0MM
FBS 18/12P	08250311074	FBS 18/12	01128024018	18.0MM	19.0MM	12.0MM
FBS 19/12P	08250311075	FBS 19/12	01128024019	19.0MM	21.0MM	12.0MM
FBS 20/12P	08250311076	FBS 20/12	01128024020	20.0MM	21.6MM	12.0MM
FBS 21/12P	08250311077	FBS 21/12	01128024021	21.0MM	22.5MM	12.0MM
FBS 22/12P	08250311078	FBS 22/12	01128024022	22.0MM	24.5MM	12.0MM
FBS 23/12P	08250311079	FBS 23/12	01128024023	23.0MM	24.7MM	12.0MM
FBS 24/12P	08250311080	FBS 24/12	01128024024	24.0MM	26.0MM	12.0MM
FBS 25/12P	08250311081	FBS 25/12	01128024025	25.0MM	27.0MM	12.0MM
FBS 26/12P	08250311082	FBS 26/12	01128024026	26.0MM	28.0MM	12.0MM
FBS 27/12P	08250311083	FBS 27/12	01128024027	27.0MM	29.0MM	12.0MM
FBS 28/12P	08250311084	FBS 28/12	01128024028	28.0MM	30.5MM	12.0MM
FBS 29/12P	08250311085	FBS 29/12	01128024029	29.0MM	31.5MM	12.0MM
FBS 30/12P	08250311086	FBS 30/12	01128024030	30.0MM	32.5MM	12.0MM
FBS 32/12P	08250311087	FBS 32/12	01128024032	32.0MM	34.5MM	12.0MM
FBS 35/12P	08250311088	FBS 35/12	01128024035	35.0MM	38.0MM	12.0MM
FBS 36/12P	08250311089	FBS 36/12	01128024036	36.0MM	39.0MM	12.0MM
FBS 38/12P	08250311090	FBS 38/12	01128024038	38.0MM	41.5MM	12.0MM
FBS 40/12P	08250311091	FBS 40/12	01128024040	40.0MM	42.5MM	12.0MM
FBS 42/12P	08250311092	FBS 42/12	01128024042	42.0MM	44.5MM	12.0MM
FBS 44/12P	08250311093	FBS 44/12	01128024044	44.0MM	46.5MM	12.0MM
FBS 46/12P	08250311094	FBS 46/12	01128024046	46.0MM	49.0MM	12.0MM
FBS 47/12P	08250311095	FBS 47/12	01128024047	47.0MM	50.0MM	12.0MM
FBS 50/12P	08250311096	FBS 50/12	01128024050	50.0MM	53.0MM	12.0MM
FBS 55/12P	08250311097	FBS 55/12	01128024055	55.0MM	58.0MM	12.0MM
FBS 60/12P	08250311098	FBS 60/12	01128024060	60.0MM	63.0MM	12.0MM

Assortments

NORMACLAMP® FBS Spring Band Hose Clips Assortment Grab Kit - **105 Piece**



PART NUMBER	ITEM NUMBER	ITEM DESCRIPTION
FBS105GK	08250311066	BAND WIDTH 8MM & 12MM INCLUDES FBSBTL PLIERS DN 10MM - DN 24MM

NORMACLAMP® FBS Spring Band Hose Clips Assortment Grab Kit - **80 Piece**



PART NUMBER	ITEM NUMBER	ITEM DESCRIPTION
FBS80GK	08250311065	BAND WIDTH 12MM INCLUDES FBSBTL PLIERS DN 25MM - DN 50MM

Tools

NORMACLAMP® FBS Spring Band Hose Clips - Pliers



PART NUMBER	ITEM NUMBER	ITEM DESCRIPTION	PACK QTY
FBSBTL	08250307011	FBS PLIERS	1
798-12	01150000904	FBS PLIERS WITH INTERGRATED SAFETY LEVER	1

NORMA Pacific Australia

74 Bazalgette Crescent, Dandenong South VIC 3175
Phone: 1300 252 677 | Email: sales.au@normagroup.com | www.normagroup.com.au

