



LO-VIS



 **SORMAT**

GRIPPER™

THE ALL WALL PLUG!

THE CHOICE IS SIMPLE!

Say no to an endless plug offering – The Gripper™ is all you need!

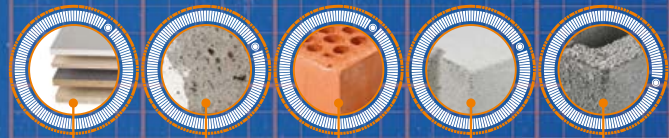


GRIPPER™ is manufactured from DuPont™ Hytrel® thermoplastic elastomer

Thanks to the DuPont™ Hytrel® material, GRIPPER™ represents the cutting edge in wall plug design. It can withstand long-term loads, impacts, wear, moisture, chemicals, changes in temperature and storage better than ordinary plugs can!



The GripEdge friction surface guarantees a durable grip in all types of wall materials



GYPSUM BOARD, GYPSUM FIBRE BOARD, OTHER BUILDING BOARDS

CONCRETE, NATURAL STONE, HOLLOW CORE SLABS

SOLID CLAY BRICKS, PERFORATED BRICKS

SOLID POROUS BLOCKS

PERFORATED OR HOLLOW POROUS BLOCKS



The hinge's mechanical locking holds, even when the screw is not tightened all the way



The plughead's strong fins prevent the plug from rotating during installation



The Lo-Vis -microrim keeps the plug at an optimal installation depth while remaining hidden beneath the screw

GRIPPER™ FUNCTIONS IN BOARD, HOLLOW AND SOLID WALLS, IN ANY TYPE OF CONSTRUCTION MATERIAL

1



DRILL A HOLE THE SIZE OF THE PLUG Ø.

2

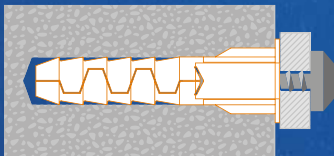


INSERT THE FASTENER MANUALLY OR BY TAPPING WITH A HAMMER.

3

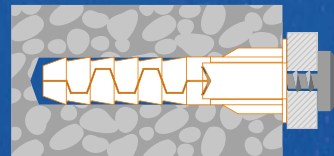


INSERT THE SCREW THROUGH THE FIXTURE EITHER MANUALLY OR MECHANICALLY.



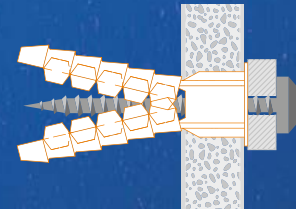
CONCRETE AND OTHER SOLID BASE MATERIALS

The DuPont™ Hytrel® material conforms to and friction locks onto the drill hole's surface shape.



EXPANDED CLAY AND AERATED CONCRETE BLOCKS, OTHER POROUS BASE MATERIALS

DuPont™ Hytrel® conforms to the drill hole's surface shape and the GripEdge friction surface locks on mechanically.








BUILDING BOARDS AND HOLLOW WALL STRUCTURES

The GripEdge friction surface and screw lock mechanically.



1

**DUE TO THE LO-VIS -MICRORIM, GRIPPER™ IS SUITABLE FOR ALL TYPES OF WALLS!
JUST CHOOSE THE RIGHT PLUG SIZE!**

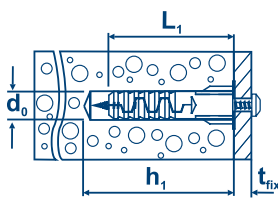


A. OBJECT WEIGHT	B. RECOMMENDED PULL-OUT LOADS, KILOGRAMS (kg)					
		GRIPPER™	GRIPPER™	GRIPPER™	GRIPPER™	
		5	6	8	10	
		Screw	Universal screw 4x35	Universal screw 5x40	Universal screw 6x50	Hex washer 7x70 ruspert
		Gypsum board 13 mm / Extra hard 13 mm	10 / 18	13 / 24	13 / 24	15 / 24
		Concrete C25	40	100	100	180
		Solid clay brick	20	60	80	100
		Sand-lime brick	30	95	95	130
		Expanded clay / Aerated concrete block 450 kg/m³	10 / 5	20 / 10	30 / 15	50 / 35
SUITABLE ALSO FOR BOARD-, TILE-, STONE, FILLER- AND PLASTERCOATED WALLS**						

* Sormat's recommendations are not based on maximum pull-out values, but instead on instructions based on tests and practical experience. The recommendations take into account a safety factor as well as possible variations in quality in construction materials and installation.

** For extremely hard surfaces such as tiles, drill a slightly larger diameter hole.

2

GRIPPER™ CAN BE USED TOGETHER WITH THE MOST COMMON TYPES OF SCREWS AND SCREW DIAMETERS! FIND THE RIGHT SCREW SIZE FOR THE PLUG!

		Plug length L_1	 \varnothing d_0	Min. Hole depth, solid walls h_1	Min. Sheet thickness t_{sheet}	Suitable screw \varnothing	Suitable screw length (min.)
	GRIPPER™ 5	24 mm	5 mm	28 mm	6 mm	\varnothing 3 – 4,5 mm	24 mm + t_{fix}
	GRIPPER™ 6	32 mm	6 mm	38 mm	8 mm	\varnothing 4 – 5,5 mm	32 mm + t_{fix}
	GRIPPER™ 8	38 mm	8 mm	44 mm	12 mm	\varnothing 4,5 – 6 mm	38 mm + t_{fix}
	GRIPPER™ 10	45 mm	10 mm	50 mm	12 mm	\varnothing 4,5 – 7 mm	45 mm + t_{fix}
NOTE! DRY INDOORS ENVIRONMENT = ZINC PLATED SCREW WET INDOORS AND OUTDOOR ENVIRONMENTS = STAINLESS STEEL A2, A4 OR RUSPERT -COATED SCREWS							

3

GET YOUR GRIPPERS IN A DIY-BAG, DIY-BAG W/ SCREWS OR IN A SALES BOX!

CODE	PCS	EAN DIY	EAN DIY+SCREW	EAN BOX
GRIPPER 5				
95660 DIY BAG	10	6 416031 956607 >	6 416031 956706 >	6 416031 752308 >
95670 DIY+SCREWS	5			
75230 BOX	100			
GRIPPER 6				
95662 DIY BAG	8	6 416031 956621 >	6 416031 956720 >	6 416031 752322 >
95672 DIY+SCREWS	5			
75232 BOX	100			
GRIPPER 8				
95664 DIY BAG	5	6 416031 956645 >	6 416031 956744 >	6 416031 752346 >
95674 DIY+SCREWS	5			
75234 BOX	50			
GRIPPER 10				
95666 DIY BAG	5	6 416031 956669 >	6 416031 956768 >	6 416031 752360 >
95676 DIY+SCREWS	5			
75236 BOX	50			

NOTE! DIY+SCREWS:

GRIPPER 5 UNIVERSAL SCREW 4x35 TX15 PANHEAD FULL THREAD ⚙

GRIPPER 6 UNIVERSAL SCREW 5x40 TX25 PANHEAD FULL THREAD ⚙

GRIPPER 8 UNIVERSAL SCREW 6x50 TX30 PANHEAD FULL THREAD ⚙

GRIPPER 10 SCREW 7x70 HEX WITH WASHER, RUSPERT -COATING ⚙