

## 10 GM - REELS

Due to a structured modular principle, our GM reels with smooth flanges and diameters up to 630 mm allow the greatest possible variety of dimension variants and application possibilities as dispatch or process reels.

### REEL DESIGNATIONS

GM reels have the same basic dimensions as those in the VM series, however, the flanges have no ribs on the outside surfaces. The outer surfaces of the flanges are roughened in a star formation and can be used as contact surfaces for braking purposes.

### OUTER WIDTH

The outer width of the reels is normally the winding width (L2) plus 2x the flange thickness (S). If desired, however, in conjunction with smaller central bores hub extensions can also be supplied, which then additionally increase the overall width of the reels.

### TOLERANCES

All dimensions, weights and loads stated are approximate values; tolerances and deviations which are customary for the industry remain reserved.

### IMPORTANT

Shrink-wrapped pallets of packages must not be stored in direct sunlight, as the heat build-up may cause the plastic to warp.

### CENTRAL BORES

The reels have a standard central bore of 127 mm (5 inch) in diameter. Smaller diameters of any size can also be supplied by means of additional inserts. For various reasons, it has proven to be best to use bore dimensions which are already used in the relevant standards, e.g. 36 and 56 mm. All bores are fitted with a supporting tube. The bores can also be fitted with a polyamide bush, which increases the abrasion resistance of the central bore. These bushes can be replaced.

### DRIVES

Bores or pins are available on request.

### SPECIAL REQUESTS

All reels with a barrel diameter  $d_2 \geq 200$  mm can be bolted for additional strength. This brochure can only provide a guide to our products and standard dimensions, as numerous combinations and details are possible. If possible, please enclose a drawing with your enquiry, showing the position and design of drive devices and wire entry and exit. A wide range of different hub designs are also possible; therefore please contact us if you have any special requests.



## MATERIAL

ABS (acrylonitrile-butadiene-styrene) in the colour grey. Other colours are also available subject to certain minimum quantities.

## WINDING WIDTHS

The winding widths given in the table are the most cost-effective. Smaller winding widths can also be supplied by shortening the barrel.

Designation	Flange Ø		Barrel Ø	Central bore Ø		Width	Winding width		Flange thickness	Winding-volume	Central bore Ø		Drive-hole/pin	Drive-distance
	d1 [mm]	d2 [mm]		d3 [mm]	L1 [mm]		L2 [mm]	S [mm]			V [cm³]	d4 [mm]		
Reel GM 315/127-284	315	160	16 - 127	284	50 - 250	17	2891 - 14456	143.5						
Reel GM 355/127-314	355	180	16 - 127	314	50 - 280	17	3677 - 20589	143.5						
Reel GM 355/127-344	355	224	16 - 127	344	50 - 310	17	2979 - 18467	143.5						

Designation	Flange Ø		Barrel Ø		Central bore Ø		Width	Winding width		Flange thickness	Winding-volume	Central bore Ø		Drive-hole/pin	Drive-distance
	d1 [mm]	d2 [mm]	d3 [mm]	L1 [mm]	L2 [mm]	S [mm]		V [cm³]	d4 [mm]			d5 [mm]	E1 [mm]		
Reel GM 400/127-286	400	160	16 - 127		286	50 - 250	18	5278 - 26389		143.5					
Reel GM 400/127-316	400	180	16 - 127		316	50 - 280	18	5011 - 28061		143.5					
Reel GM 400/127-321	400	200	16 - 127		321	50 - 285	18	4712 - 26861		143.5					
Reel GM 450/127-316	450	180	16 - 127		316	50 - 280	18	6680 - 37407		143.5					
Reel GM 450/127-321	450	200	16 - 127		321	50 - 285	18	6381 - 36374		143.5					
Reel GM 450/127-346	450	224	16 - 127		346	50 - 310	18	5982 - 37087		143.5					
Reel GM 500/127-325	500	200	16 - 127		325	50 - 285	20	8247 - 47006		143.5					
Reel GM 500/127-355	500	250	16 - 127		355	50 - 315	20	7363 - 46388		143.5					
Reel GM 500/127-370	500	280	16 - 127		370	50 - 375	20	6739 - 50540		143.5					
Reel GMV 500/51-315	500	250	51		315	50 - 315	27.5	7363 - 46388							
Reel GMV 500/56-375	500	250	16 - 56		375	50 - 315	27.5	7363 - 46388							
Reel GMV 500/127-370	500	250	16 - 127		370	50 - 315	27.5	7363 - 46388		143.5					
Reel GM 560/127-425	560	280	16 - 127		425	50 - 375	25	9236 - 69272		143.5					
Reel GMV 610/127-355	610	250	127		355	305	25.4	74163							
Reel GMV 610/127-355	610	355	127		355	305	25.4	58946							
Reel GM 630/127-430	630	315	16 - 127		430	50 - 425	25	11690 - 99362		143.5					

## TECHNICAL DRAWING

### Spools



