



# COMETAL®

## BIMET FORMWORK



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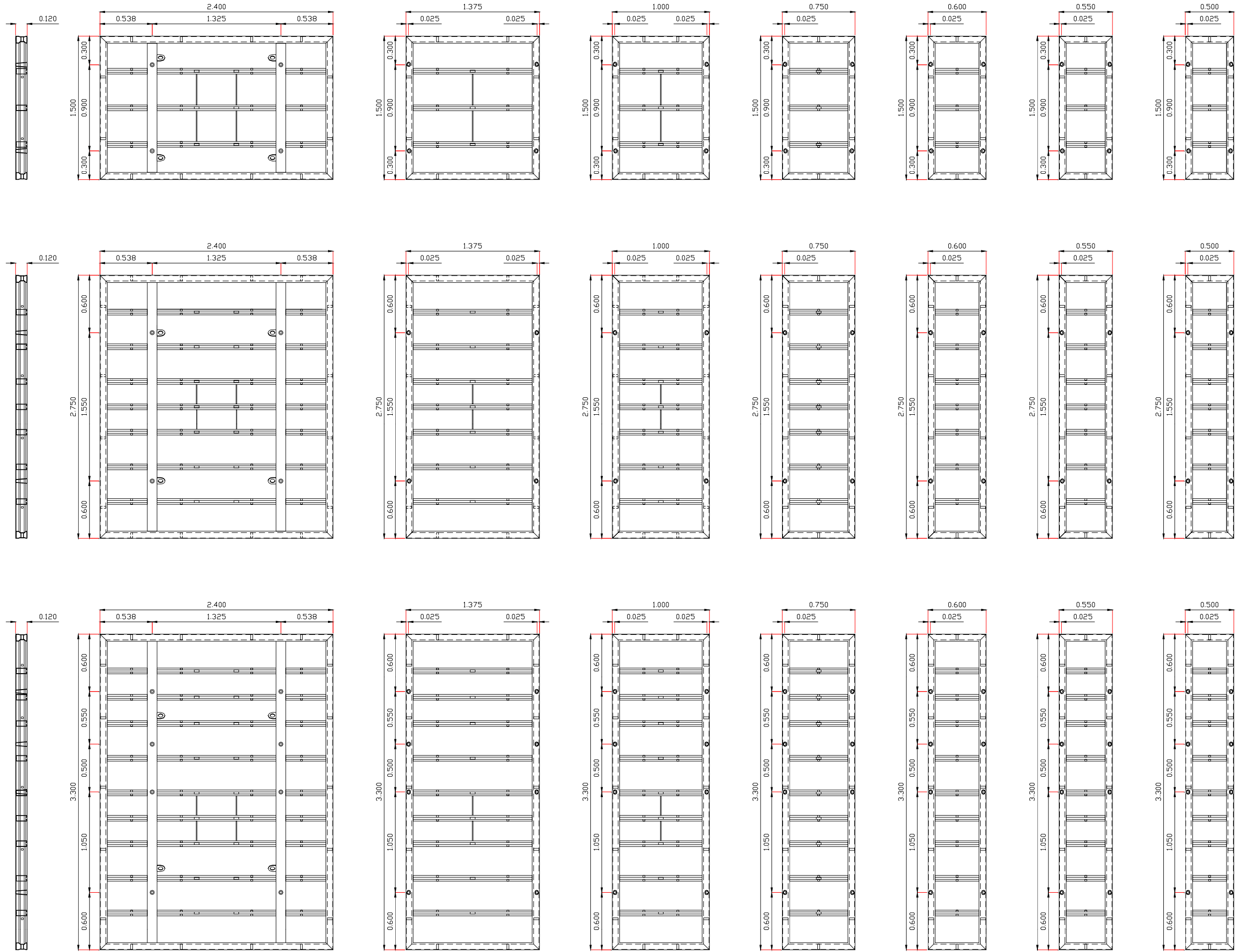
# Technical sheet

## Bimet formwork

Description / principle drawing / picture	Article number	Weight
Bimet panel 3300x2400mm Bimet panel 3300x1375mm Bimet panel 3300x1000mm Bimet panel 3300x750mm Bimet panel 3300x600mm Bimet panel 3300x550mm Bimet panel 3300x500mm	BIM330240 BIM330137 BIM330100 BIM330075 BIM330060 BIM330055 BIM330050	700,91 kg 380,00 kg 296,00 kg 238,00 kg 203,00 kg 192,00 kg 180,00 kg
		
Bimet panel 2750x2400mm Bimet panel 2750x1375mm Bimet panel 2750x1000mm Bimet panel 2750x750mm Bimet panel 2750x600mm Bimet panel 2750x550mm Bimet panel 2750x500mm	BIM275240 BIM275137 BIM275100 BIM275075 BIM275060 BIM275055 BIM275050	585,00 kg 317,00 kg 247,00 kg 198,00 kg 169,00 kg 160,00 kg 150,00 kg
		
Bimet panel 1500x2400mm Bimet panel 1500x1375mm Bimet panel 1500x1000mm Bimet panel 1500x750mm Bimet panel 1500x600mm Bimet panel 1500x550mm Bimet panel 1500x500mm	BIM150240 BIM150137 BIM150100 BIM150075 BIM150060 BIM150055 BIM150050	334,00 kg 182,00 kg 142,00 kg 112,00 kg 96,00 kg 90,00 kg 85,00 kg

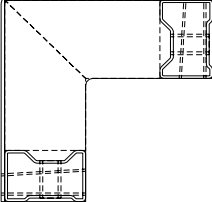
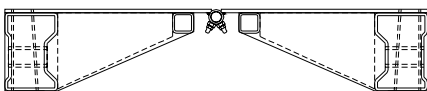
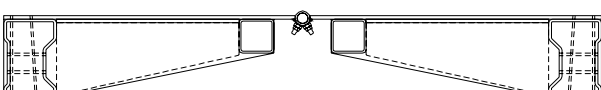



# Tie holes Bimet formwork



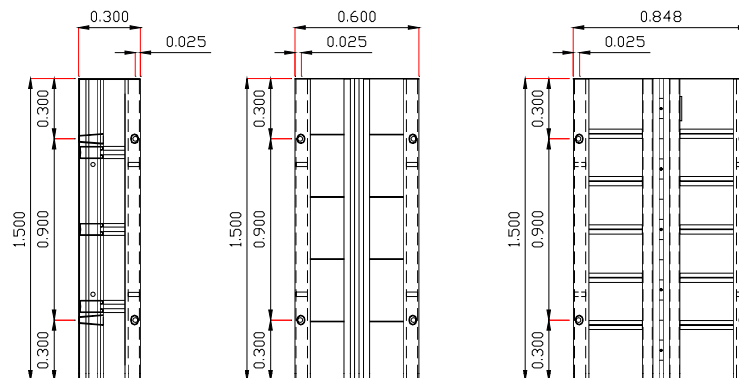
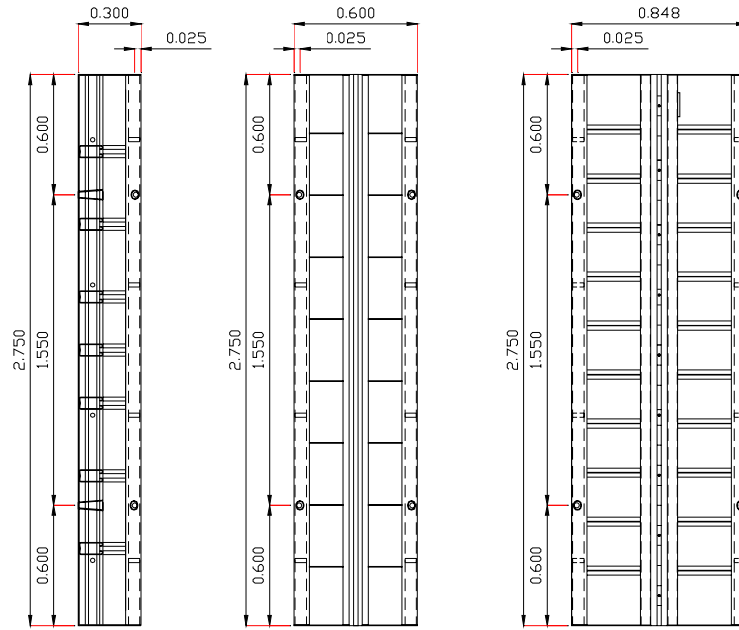
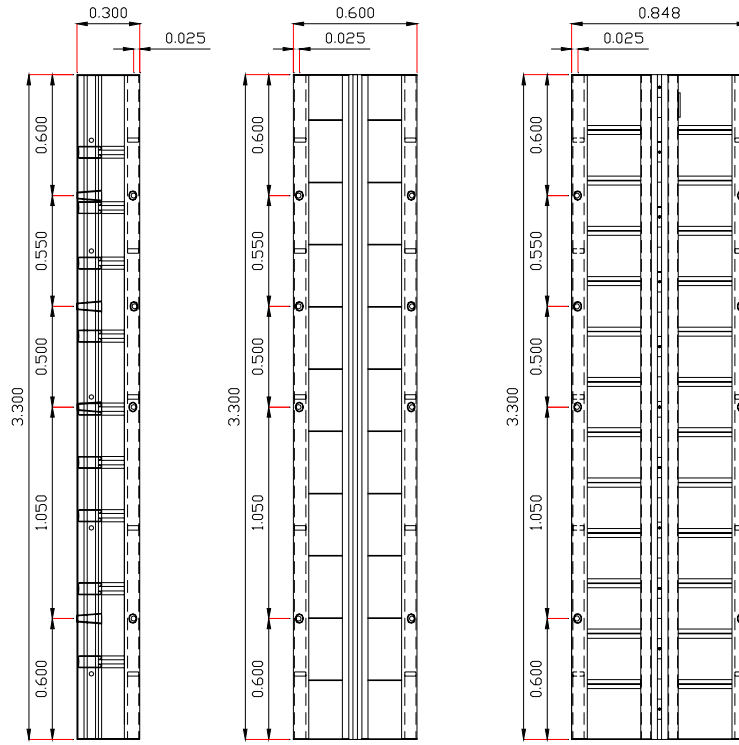
# Technical sheet

## Bimet corners

Description / principle drawing / picture	Article number	Weight
<p>Bimet inner corner 3300 x 300 x 300mm                      Bimet inner corner 2750 x 300 x 300mm                      Bimet inner corner 1500 x 300 x 300mm</p> 	<p>BBI330030                      BBI275030                      BBI150030</p>	<p>187,00 kg                      155,00 kg                      85,00 kg</p>
<p>Bimet inner corner art. 3300 x 300 x 300mm                      Bimet inner corner art. 2750 x 300 x 300mm                      Bimet inner corner art. 1500 x 300 x 300mm</p> 	<p>SBI330030                      SBI275030                      SBI150030</p>	<p>198,00 kg                      165,00 kg                      198,00 kg</p>
<p>Bimet outer corner art. 3300 x 424 x 424mm                      Bimet outer corner art. 2750 x 424 x 424mm                      Bimet outer corner art. 1500 x 424 x 424mm</p> 	<p>SBU330042                      SBU275042                      SBU150042</p>	<p>214,00 kg                      179,00 kg                      99,00 kg</p>
<p>Bimet outer corner profile Alu. 3300mm                      Bimet outer corner profile Alu. 2750mm                      Bimet outer corner profile Alu. 1500mm</p> 	<p>ABP330                      ABP275                      ABP150</p>	<p>28,00 kg                      24,00 kg                      13,00 kg</p>

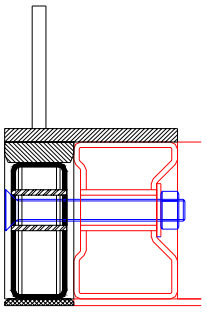

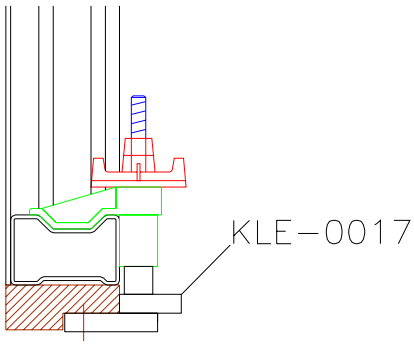



# Tie holes corners Bimet



# Technical sheet





## Bimet fillers and wood

Description / principle drawing / picture	Article number	Weight
<p>Bimet filler 3300 x 50mm                      Bimet filler 2750 x 50mm                      Bimet filler 1500 x 50mm</p> 	<p>BVU330005                      BVU275005                      BVU150005</p>	<p>54,00 kg                      44,75 kg                      26,00 kg</p>
<p>Bimet under fill slat 2400 x 50mm                      Bimet under fill slat 1000 x 50mm</p>  <ul style="list-style-type: none"> <li>- for protecting the bottom of the panel</li> <li>- reduced leakage loss</li> <li>- under fill clasp has a crowbar provision</li> </ul>  <p>KLE-0017</p>	<p>HPO240005                      HPO100005</p>	<p>5,00 kg                      2,10 kg</p>
<p>Bimet Cometal compensator 3000mm</p> 	<p>HPB300</p>	<p>6,50 kg</p>



# Technical sheet

## Bimet accessories





Article number	Description / principle drawing / picture	Weight
KLE013	COMPENSATION COUPLER SHORT BIMET 	3,30 kg
KLE014	COMPENSATION COUPLER BIMET 	4,42 kg
KLE017	COUPLER FOR BOTTOM FILLING 	3,90 kg
KLE018	ALIGNMENT COUPLER BIMET 	4,90 kg





# Technical sheet



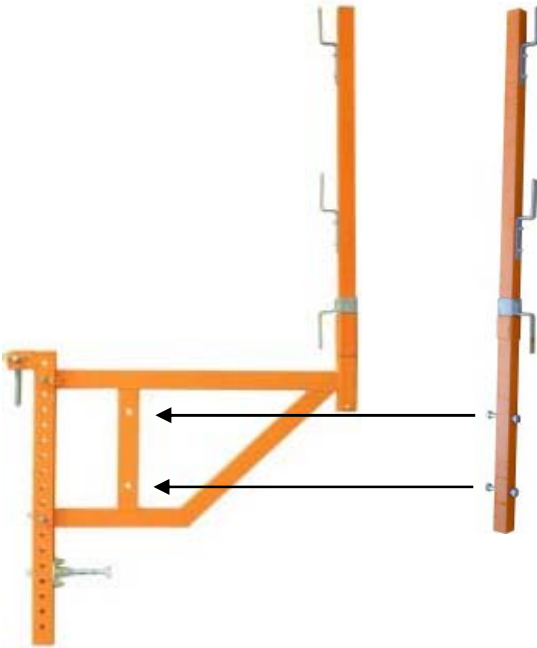
## Bimet accessories

Article number	Description / principle drawing / picture	Weight
KLE016	TIE ROD COUPLER BIMET CPL. 	1,24 kg
SPA020100 SPA020075	TIE ROD 20MM 1,00M 140kN TIE ROD 20MM 0,75M 140kN 	2,60 kg 1,95 kg
MOE020002	COMBINATION PLATE 20MM 	1,10 kg
TKSZGT	CONNECTION SET BIMET CPL. 	1,30 kg



# Technical sheet

## Bimet accessories

Article number	Description / principle drawing / picture	Weight
<p>PBA008165 PBA008100 PBA008075</p>	<p>COMPENSATION BEAM 1,65M UPN80 BIMET COMPENSATION BEAM 1,00M UPN80 BIMET COMPENSATION BEAM 0,75M UPN80 BIMET</p> 	<p>29,50 kg 17,90 kg 13,50 kg</p>
<p>PSG025100 PSG025075 PSP025100 PSP025075 PCP001</p>	<p>HING PART 1,00M HOLE BIMET HING PART 0,75M HOLE BIMET HING PART 1,00M FLAT BIMET HING PART 0,75M FLAT BIMET AXLE OF ART.COMPENSATION TUBE</p> 	<p>9,26 kg 7,07 kg 9,40 kg 7,21 kg 0,38 kg</p>
<p>VEI017 VEI020</p>	<p>BRACKET BIMET CPL. SIDERAIL LS BIMET CPL</p> 	<p>16,40 kg 10,09 kg</p>



# Technical sheet




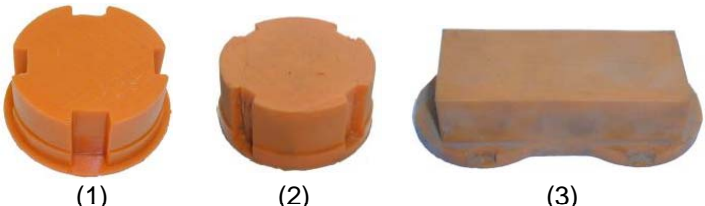
## Bimet accessories

Article number	Description / principle drawing / picture	Weight
RIC038002 RIC038007 RIC038008 RIB048400 RIB048600	PUSH & PULL PROP 38RL240 PUSH & PULL PROP DOUBLE 38RL 180-300 PUSH & PULL PROP DOUBLE 38RL240-360 PUSH & PULL PROP 48RL400 PUSH & PULL PROP 48RL600	14,85 kg 28,27 kg 30,17 kg 25,21 kg 39,31 kg
RIC052 RIC050 RIC051 RIC053	PUSH & PULL PROP MAMMOETH 4 z KOP PUSH & PULL PROP MAMMOETH 6 z KOP PUSH & PULL PROP MAMMOETH 8 z KOP PUSH & PULL PROP MAMMOETH 10 z KOP	83,00 kg 103,00 kg 110,00 kg 209,40 kg
RIC108	BRACE CONNECTOR BIMET-CICOM CPL.	3,40 kg
HIJ004	CRANE LIFTING HOOK BIMET 1500KG CE	9,40 kg



# Technical sheet





Bimet magnets

Article number	Description / principle drawing / picture	Weight
TMA051 TMA040 TMA050 TMA060 TMA063	<p><b>Separate article</b>                      PVC CONNECTION DIA 51                      PVC CONNECTION DIA 40MM                      PVC CONNECTION DIA 50MM                      PVC CONNECTION DIA 60MM                      PVC CONNECTION DIA 63</p> 	0,35 kg 0,07 kg 0,12 kg 0,18 kg 0,55 kg
TMS025 TMS037	<p><b>Separate article</b>                      MAGNETBAND 25X3,2MM 30M (1)                      MAGNETSTRIP 37X3MM 0,6M (2)</p> 	9,00 kg 0,25 kg
TMB100 TMB400 TMB600	<p><b>Separate article</b>                      MAGNETBLOCK STANDARD 100KG                      MAGNETBLOCK STANDARD 400KG                      MAGNETBLOCK STANDARD 600KG</p> 	3,00 kg 3,30 kg 4,50 kg
TMD001 TMD002 TMD003	<p><b>Separate article</b>                      MAGNET ATTEMA PX (1)                      MAGNET ATTEMA U40/U50 (2)                      MAGNET ATTEMA UD40/UD50 (3)</p> 	0,18 kg 0,31 kg 0,69 kg



# Technical sheet

Bimet magnets

Article number	Description / principle drawing / picture	Weight
TML020	<b>Separate article</b> MAGN. TRIANGULAR 20/20 1M25 	0,56 kg
TMV065 TMV065024 TMV065027 TMV065030	<b>Separate article</b> MAGN. PRECONE DIA. 65X40 (1) MAGN. PRECONE M24 CPL. (2) MAGN. PRECONE M27 CPL. (2) MAGN. PRECONE M30 CPL. (3) 	0,37 kg 0,53 kg 0,50 kg 0,46 kg
TMK024 TMK027 TMK030 TMK016	<b>Separate article</b> MAGN. ANCHORCONE M24 MAGN. ANCHORCONE M27 MAGN. ANCHORCONE M30 MAGN. ANCHORCONE M16 	0,39 kg 0,40 kg 0,43 kg 0,37 kg
TMT001	<b>Separate article</b> POURSLAT MAGN. 60/50/3 L=1M25 	3,83 kg



## BIMET SYSTEM FORMWORK: MODULAR STEEL FORMWORK FOR ARCHITECTURAL AND VISIBLE CONCRETE

The BIMET panel formwork system has been specially developed to fulfil the current extremely high demands for the realisation of concrete constructions in a cost effective and flexible way. The scope of application for these new modular formwork panels is extremely suited to apartment buildings. Thanks to the panel height of 2m75 the use of small end-pieces is avoided. The fine panel seams guarantee walls ready for decorating.

Increasingly more importance is also been attached to aesthetic aspects in civil engineering works; the formula that provides a modular, flexible, strong and stiff architectural panel has not been given in the sector.

By applying a 5 mm thick steel plate as the contact surface the demarcation of the structure of the formwork in the concrete surface is kept to a minimum. A rigid form without local unevenness or deviations results from a correct use of the BIMET formwork.

One of the points of departure in the design phase was compliance with the strict NEN 6722 in relation to the surface-assessment of concrete. The most demanding surface assessment class is even achieved easily for concrete pressures of 80 kN/m<sup>2</sup>.

The use of tensioning rods with a core diameter of 20mm and a load use of 140kN allows us to use panels for concreting constructions under concrete pressure to 100 kN/m<sup>2</sup>.

In this way the BIMET-concept allows the contractors to extend their boundaries under controlled circumstances. Self-sealing and self-levelling concrete can be used to a great height.

### Specifications:

- resistance 100 kN/m<sup>2</sup>
- weight: +/- 130kg/m<sup>2</sup> ( incl. accessories)

