



Opis elemenata

Prefabrikovane čašice i temeljne stope koje se izrađuju na licu mesta zajedno čine temelje samce za montažne stubove. Upotrebom prefabrikovanih čašica značajno se smanjuje vreme realizacije temelja samaca odnosno skraćuju se rokovi same izgradnje. Čašica se prethodno pozicionira na mršav beton a potom se uz prethodno polaganje odgovarajuće armature na licu mesta izlije temeljna stopa dimenzionisana shodno statičkom proračunu. Ukoliko je definisano da se kišnica sprovodi vertikalno kroz cevi u samim stubovima, na samoj čašici se ostavlja otvor za kišnicu. U zavisnosti od iznosa opterećenja i poprečnog preseka stubova proizvode se tri tipa čašica: S, M, XL prema karakteristikam prikazanim u tabeli u okviru PDF specifikacije.

Transport

Za podizanje i pomeranje prefabrikovane čašice prilikom izrade čašica ostavljaju se otvori u zidovima čašice kroz koje se postavlja metalna šipka za koju se kače užad. Pozicioniranje je olakšano prisustvom zareza na zidu koji označava centar na samoj čašici.

Montaža

Osnova stuba se postavlja na gornju površinu temeljne stope, nakon provere vertikalnosti i proveravanja cevi za odvod kišnice. Prostor između stuba i čašice popunjava se betonom odgovarajuće čvrstoće čime se postiže njihov zajednički rad u statičkom smislu.



Podaci Data Sheet

MATERIAL	KARAKTERISTIČNE ČVRSTOĆE N/mm2
MATERIAL	NOMINAL STRENGTH N/mm2
Beton Concrete	MB ≥ 50
Čelik B500 Steel B500	σ _{vk} ≥ 400

Description of Elements

Prefabricated collars and footings cast together in situ form point foundations for mounting precast columns. The use of prefabricated collars significantly reduces the time needed for the construction of point foundation and helps minimise construction deadlines. The collars are placed on lean concrete and then a base footing dimensioned according to a static calculation is cast in situ on a previously laid reinforcement mesh. If rainwater drainpipes are to be located vertically in the columns, then a rainwater outlet is positioned in the collar. Depending on the load and cross-section of the columns, three types of collars are produced: S, M, XL according to the characteristics shown in the table below. Double collars and prefabricated concrete loading ramps can also be produced.

Transport

For lifting and moving prefabricated collars, openings in the collar walls are made during their production to allow the positioning of metal rods to attach ropes. Notches on the collar walls indicate the center of the collar and facilitate their positioning.

Mounting

After checking the verticality and alignment of rainwater drainage pipes, the column base is placed on top of the footing. The space between the column and the collar is filled with concrete of suitable strength, forming a statically coherent unit.

Čašice

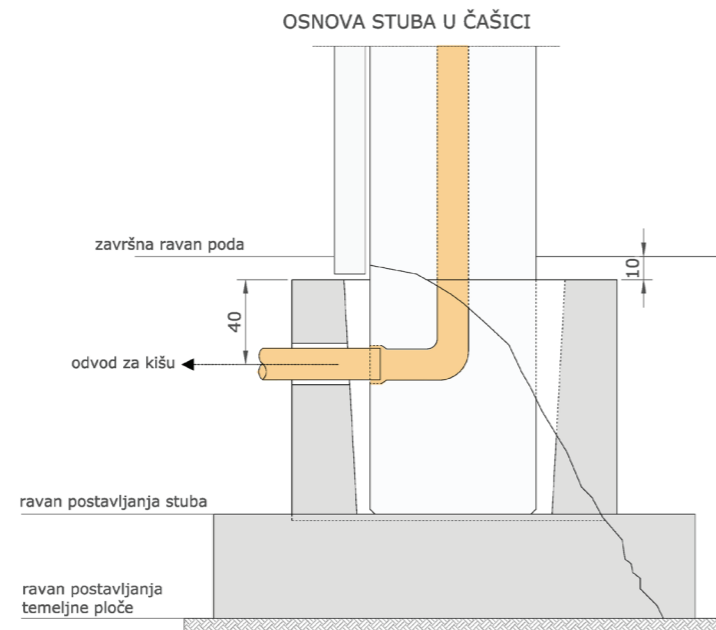
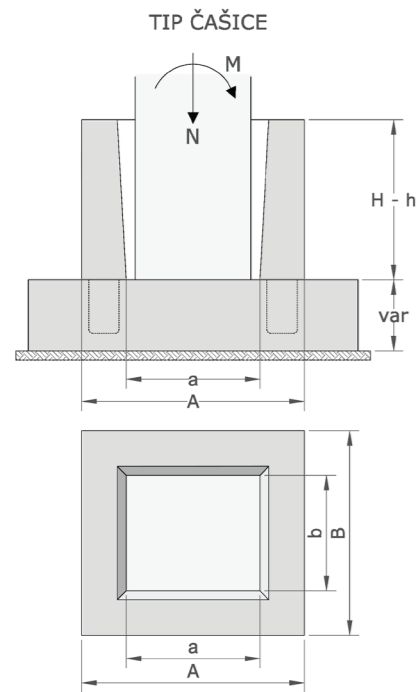
Collars

Tip čašice - geometrijske i statičke karakteristike
Collar type - geometrical and structural characteristics

	A (cm)	B (cm)	H-h (cm)	a (cm)	b (cm)	TEŽINA WEIGHT (kg)
S	125	115	90	75	65	1980
M	136	136	100	80	80	2300
XL	150	150	120	88	88	4100

Osnova stuba u čašici
Column base in the collar

1. Završna ravan poda Floor level finish
2. Odvod za kišu Rainwater drain
3. Ravan postavljanja stuba Horizontal column base
4. Ravan postavljanja temeljne ploče Horizontal foundation slab



Za detaljna tehnička uputstva i dalje informacije pogledati tehničko uputstvo ili se obratiti za tehničku podršku MG Precast-u
For detailed technical instructions and further information, consult the Technical Manual or contact MG Precast technical support