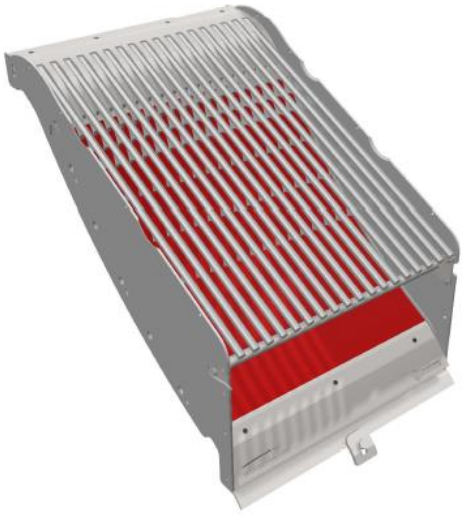
Interventno zavarovanje vitalnih objektov HE Moste v območju izlivnega odseka potoka Završnica

ZAHTEVE ZA COANDO REŠETKO

1. **Karakteristike Coanda rešetke**

GRIZZLY PROTEC 800|A30|S0,6|SB34



GRIZZLY PROTEC 800|A30|S0,6|SB18

Coanda screens for water intake systems - with protection grid over the fine screen

Fastening system:	[ ] building dowelled [x] with concrete inserts

> Overall performance:	270 l/s
> Height:	1012 mm
> hydr. Losses	860 mm
> Width per element.	1150 mm
> performance	90 l/s per element

Protection grid Protec:

> The protection grid consists of several protec bars
> The protec bars are mode of round steel D 30 mm
> The clear bar spacing is 30 mm

Material:	S355
Corrosion protection:	galvanized

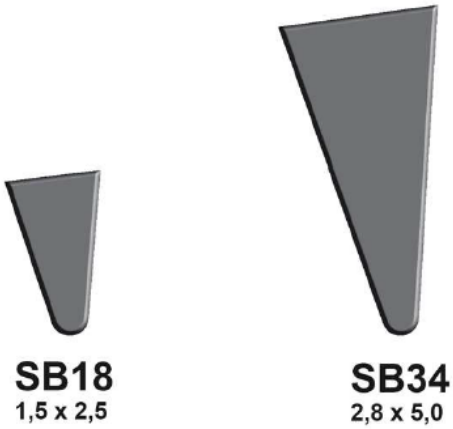
Fine screen S 0,6 - 800 - 1225 - SB18

> Length of screen in flow direction	800 mm
> Slot gap size	**0,6** mm
> Width	1125 mm
> Profile wire	**SB 18** (1,5 x 2,5 mm)
> Support profile	Q 55 in 50 mm intervals
> Hooking-in system finescreen	[x] fast and easy changing of the [ ] fixed
> Screening effect:	ca. 70% < 0,3 mm ca. 30% 0,3 mm - 0,6 mm

Material properties fine screen wire

material:	INODUR - stainless steel
tensile strength:	1450MPa
Brinell hardness HB	430

2. »Profile wire« se izvede z SB34 (2,8 x 5,0 mm)



UPGRADE PROFIL

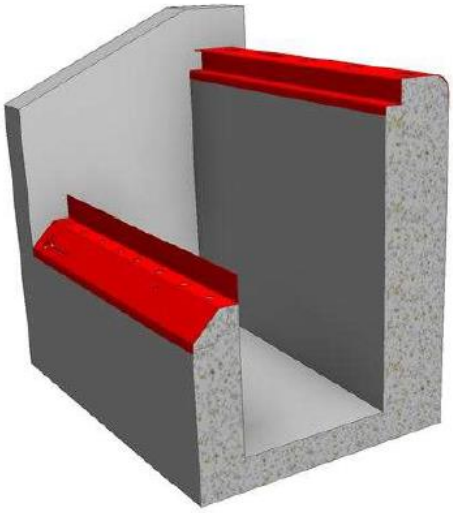
Upgrade strong wire profile for fine screen

> Instead of the standard SB18 | 1.5 x 2.5 profile wire, a much more robust profile wire can be used for the fine screen.
> This has an effect on the expected service life of the fine screen. On the one hand, the fine screen with its robust profile wires can withstand greater loads and, on the other hand, its resistance to wear increases.
> The discharge capacity is only slightly reduced compared to the fine screen with SB18 profile wires.

OPTIONS

Profile **SB34** | 2,8 x 5,0 mm

3. Pritrditev se izvede v izvedbi z vbetoniranimi deli



GRIZZLY EMBEDDED PARTS | UPPER - LOWER

> Inserted in the concrete structure
> Slot-in system allows quick and easy mounting of the Grizzly elements
> Protection of the weir crest

Upper embedded part

Material:	Steel sheet 6 mm S235
Corrosion protection:	galvanized
Overall length:	3800 mm
Wall thickness:	500 mm
Weight:	ca. 60 kg/m

Lower embedded part

Material:	Steel sheet 6 mm S235
Corrosion protection:	galvanized
Overall length:	3800 mm
Wall thickness:	300 mm
Weight:	ca. 35 kg/m