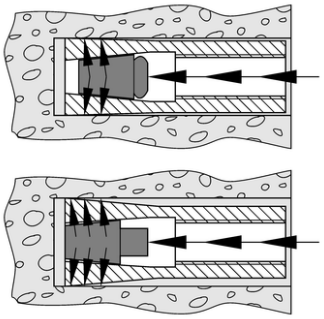
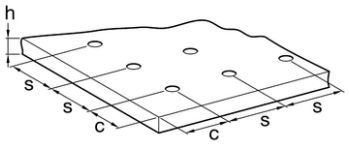
DRIVE PLUG AN SS







APPLICATION

Hammerset Anchor for multiple attachment in cracked and single attachment in non-cracked concrete.

Suitable for fixing pipelines, channels, etc. meeting the respective approval requirements. To be used in structural parts under dry indoor conditions, as well as outdoor constructions (including industrial ambiance and coastal areas) or damp locations provided no special aggressive conditions are given.

- No special drill is required
- Setting Tool for Drive Plug is to be used as setting tool
  for distance-controlled forced expansion
- Suitable for put-before assembly

INSTALLATION

As setting tool the respective expansion cone for drive plus is to be used.

The "intelligent" expansion cone facilitates the assembly with drill hole tolerances in the bore hole diameters or with different concrete.

Due to the controlled expansion the needed edge and centre distances are considerably reduced.

TECHNICAL DATA

General installation data:

Anchor size	M8x30	M8x40	M10	M12
Perm. load for single anchor C20/25-C50/60 [kN]	1.7	2.0	2.0	2.4
Perm. bending moment (A4-70) Mperm [Nm]	11.9	11.9	23.8	42.1
Characteristical centre distance scr [mm]	180	210	170	200
Characteristical edge distance ccr [mm]	90	105	85	100
Loads under fire exposure				
Perm. load R30 perm. F [kN]	0.9	0.9	1.5	1.5
Perm. load R60 perm. F [kN]	0.9	0.9	1.5	1.5
Perm. load R90 perm. F [kN]	0.9	0.9	1.5	1.5
Perm. load R120 perm. F [kN]	0.4	0.4	1.0	1.2

PROSYSTEM ITALIA SRL

Via Friuli venezia Giulia, 15
30030 Pianiga - Venezia - Italy
T +39.041.510.1622
F +39.041.5131351

P.IVA 03470750278
Reg.Imp. Ve 03470750278
Cap.soc. € 90.000,00
REA Padova n° 311219

info@prosystemitalia.com
prosystemitalia.com

Anchor size	M8x30	M8x40	M10	M12	M16
Nominal dia. of drill d0 = [mm]	10	10	12	15	20
Depth of drill hole h0 = [mm]	30	40	40	50	65
Tightening torque when anchoring Tinst = [Nm]	8	8	15	35	60
Pass-through hole in component to be joined df ≤ [mm]	9	9	12	14	18
Thread length Lth [mm]	13	20	15	18	23
Minimum screw-in depth Lsdmin [mm]	9	9	11	13	18
Minimum thickness of component hmin [mm]	100	100	130	140	160
Min. centre distance smin [mm]	60	80	100	120	150
Min. edge distance cmin [mm]	95	95	135	165	200

Anchor size	M8x30	M8x40	M10	M12	M16
Perm. tensile load C20/25 [kN]	3.3	3.6	6.1	8.5	12.6
Lateral tension perm. V ≥ C20/25 [kN]	4.6	4.6	6	11.9	19.2
Bending moments perm. M [Nm]	11.9	11.9	23.8	42.1	106.7

Material: Stainless steel A4 (316).

Type	Drill hole ø x depth [mm]	Thread ø x length [mm]
M8 x 30	10 x 30	M8 x 13
M8 x 40	10 x 40	M8 x 20
M10 x 40	12 x 40	M10 x 15
M12 x 50	15 x 50	M12 x 18
M16 x 65	20 x 65	M16 x 23

APPROVALS

For the multiple fixation of non-structural systems Approval ETA-10/0258 (M8-M12), for anchorage in non-cracked concrete Approval ETA-10/0257 (M8-M16), Fire Protection Certification, VdS-conform, FM-Approval ≥ M10.

F30-F120

Codice	Nome	Peso	Numero di pezzi
104906	M 8×30 mm A4	0.01	100

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Codice	Nome	Peso	Numero di pezzi
153593	M 8×40 mm A4	0.02	100
104915	M10×40 mm A4	0.02	50
104924	M12×50 mm A4	0.05	50
104933	M16×65 mm A4	0.11	25