

IR

BUSHING WITH INTERNAL METRIC THREAD



- 5.8 grade zinc plated steel
- It makes it possible to reach the maximum tensile performance of the chemical anchor system
- Certified installation with the chemical anchor HYB-FIX and EPO-FIX

CODE	d ₂		d		d ₀		L		d _f		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
IRM880	M8	0.32	12	0.48	14	0.56	80	3 1/8	≤ 9	≤ 0.35	10
IRM1080	M10	0.40	16	0.63	18	0.71	80	3 1/8	≤ 12	≤ 0.47	10
IRM12125	M12	0.48	20	0.79	24	0.95	125	4 15/16	≤ 14	≤ 0.55	10
IRM16170	M16	0.63	24	0.95	28	1.11	170	6 3/4	≤ 18	≤ 0.71	5

d₂ = internal threaded rod diameter

d = diameter of the element anchored on concrete

d₀ = hole diameter in the concrete support

d_f = diameter hole in the element to be fastened

PLU

INJECTION NOZZLE



- For filling the hole without air bubbles
- It is used for overhead applications of the chemical anchor
- EPDM material

CODE	rod		internal thread bushing		d ₀		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	
PL14	M12	0.48	-	-	14	0.56	20
PL18	M16	0.63	IR-M10	IR-0.4	18	0.71	20
PL24	M20	0.79	IR-M12	IR-0.48	24	0.95	20
PL28	M24	0.95	IR-M16	IR-0.63	28	1.11	20
PL32	M27	1.07	-	-	32	1.26	20
PL35	M30	1.19	-	-	35	1.38	20

ADDITIONAL PRODUCTS - ACCESSORIES

CODE	description	format	pcs
STINGEXT	extension tube for nozzle	-	1

FILL

FILLING WASHER



- It makes it possible to fill the annular space as a final step to set the anchor system
- It can be used to drill larger holes in the item to be attached
- Increased shear resistance under seismic load

CODE	rod		d _{INT}		d _{EXT}		s		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
FILL8	M8	0.32	9	0.35	23	0.91	5	0.20	10
FILL10	M10	0.40	12	0.47	26	1.02	5	0.20	10
FILL12	M12	0.48	14	0.55	28	1.10	5	0.20	10
FILL16	M16	0.63	17	0.67	34	1.34	5	0.20	5
FILL20	M20	0.79	21	0.83	41	1.61	5	0.20	5
FILL24	M24	0.95	25	0.98	48	1.89	6	0.24	5

ADDITIONAL PRODUCTS - ACCESSORIES

CODE	description	format	pcs
STINGRED	nozzle tip reducer	-	1



BRUH

STEEL PIPE CLEANER



- Stainless steel
- It allows certified installation with PONY blow pump and CAT compressed air tool gun

CODE	rod		internal thread bushing		d ₀		L		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
BRUH10	M8	0.32	-	-	10	0.4	150	6	1
BRUH12	M10	0.40	-	-	12	0.48	150	6	1
BRUH14	M12	0.48	IR-M8	IR-0.32	14	0.56	150	6	1
BRUH18	M16	0.63	IR-M10	IR-0.4	18	0.71	150	6	1
BRUH22	M20	0.79	IR-M12	IR-0.48	22	0.87	150	6	1
BRUH28	M24	0.95	IR-M16	IR-0.63	28	1.11	150	6	1
BRUH30	M27	1.07	-	-	30	1.19	150	6	1
BRUH35	M30	1.19	-	-	35	1.38	150	6	1

d₀ = hole diameter in the support

ADDITIONAL PRODUCTS - ACCESSORIES

CODE	description	format	pcs
BRUHAND	grip and extension for pipe cleaner	-	1

DUHXA

HOLLOW DRILL BIT FOR CONCRETE



- It combines two steps in one: Drilling and suction in one work step
- Significantly higher drilling speed due to optimal dust removal
- Dust-free working environment to protect the user
- Universal adapter for vacuum cleaner fits all common industrial vacuum cleaners

CODE	rod		internal thread bushing		d ₀		EL		TL		pcs
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	
DUHXA1840	M16	0.63	IR-M10	IR-0.4	18	0.71	400	15 3/4	600	23 5/8	1
DUHXA2240	M20	0.79	IR-M12	IR-0.48	22	0.87	400	15 3/4	600	23 5/8	1
DUHXA2840	M24	0.95	IR-M16	IR-0.63	28	1.11	400	15 3/4	620	24 7/16	1
DUHXA3040	M27	1.07	-	-	30	1.19	400	15 3/4	620	24 7/16	1
DUHXA3540	M30	1.19	-	-	35	1.38	400	15 3/4	620	24 7/16	1

d₀ = hole diameter in the support

EL = Useful length

TL = Total length

ADDITIONAL PRODUCTS - ACCESSORIES

CODE	description	format	pcs
DUISPS	class M suction system	-	1

CAT

COMPRESSED AIR TOOL



- The installation with CAT makes it possible to reach the maximum certified performances even with cracked concrete

CODE	description	format	pcs
CAT	compressed air tool	-	1