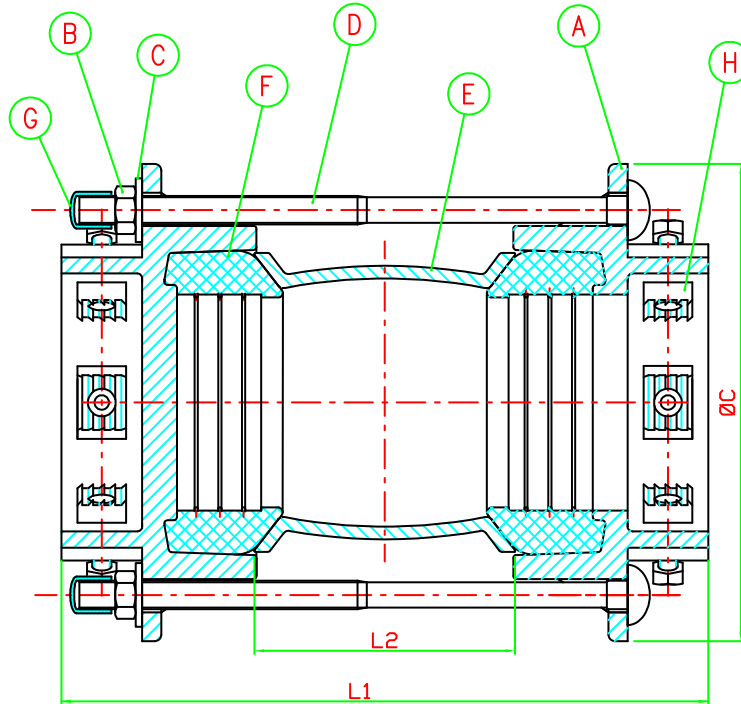


TECHNICAL CARD

SMART SERIES STRAIGHT COUPLINGS WITH END RESTRAINTS



NOMINAL PRESSURE:	1.6 MPA (Table UNI 1284)
TEST PRESSURE:	2.5 MPA (Table UNI 1284)
WORKING PRESSURE:	1.6 MPA (Table UNI 1284)
ANTICORROSION COATING:	RILSAN NYLON 11



JOINTING, REPAIRING AND HOT-TAPPING SYSTEMS FOR LAND AND MARINE PIPELINES

Head Office – Headquarters and Offices
 Via Marconi 4/6, 10060 ROLETTO (TO) – ITALY
 Tel.: +39 0121 342256 Fax: +39 0121 342244
 E-MAIL: info@novasiria.it
 WEB SITE: <http://www.novasiria.it>

Export Office

Via Marconi 4/6, 10060 ROLETTO (TO) ITALY
 Tel.: +39 0121 342257 Fax: +39 0121 342612
 E-MAIL: export@novasiria.it

DRAWN BY:
Valentino Moriena

CHECKED BY:
Luigi Ferrero

DATE:
04/11/2009

SCALE:
NOT TO SCALE

TECHNICAL CARD
SMART SERIES STRAIGHT COUPLINGS WITH END RESTRAINTS

PARTS AND MATERIALS DESCRIPTION

Part	Description	Materials
A	COMPRESSION FOLLOWER	DUCTILE IRON GGG 50 UNI-EN 1563 :2004 + ANTICORROSION COATING RILSAN NYLON 11
B	HEXAGONAL MEDIUM NUT (UNI 5588-65)	
C	WASHER (UNI 6592)	
D	MUSHROOM HEAD SQUARE NECK BOLT	
E	MAIN FITTING BODY	DUCTILE IRON GGG 50 UNI-EN 1563 :2004 + ANTICORROSION COATING RILSAN NYLON 11
F	TOROIDAL SEALING GASKET WITH TRUNCATED CONE-CROSS SECTION	EPDM
G	THREAD PROTECTION CAP	RUBBER
H	END RESTRAINTS GRIPPER	TEMPERED STEEL + DACROMET COATING

MODEL	Range (mm)		Dimensions (mm)			N°	Bolts	N° End restraints gripper	Max pipe insertion	Weight
	Min OD	Max OD	L1	L2	ØC		Dimensions			
SMPL-74-58	58	74	240	102	170	4	M12X200	4	90mm	8,04
SMPL-84-68	68	84	240	102	190	4	M12X200	4	90mm	8,82
SMPL-105-84	84	105	240	102	210	4	M12X200	4	90mm	11,10
SMPL-118-99	99	118	240	102	223	4	M12X200	4	90mm	12,30
SMPL-133-109	109	133	240	102	244	4	M12X200	4	90mm	12,62
SMPL-157-133	133	157	240	102	265	4	M12X200	4	90mm	14,00
SMPL-182-157	157	182	260	118	295	4	M12X220	4	90mm	17,74
SMPL-201-177	177	201	260	118	315	4	M12X220	4	90mm	17,92
SMPL-215-194	194	215	260	118	322	4	M12X220	4	90mm	17,70
SMPL-242-218	218	242	280	140	354	4	M12X240	4	90mm	21,34
SMPL-268-242	242	268	280	140	403	6	M12X240	6	90mm	27,88
SMPL-291-266	266	291	300	162	405	6	M12X260	6	90mm	28,30
SMPL-305-280	280	305	300	162	425	6	M12X260	6	90mm	29,36
SMPL-327-302	302	327	300	162	440	6	M12X260	6	90mm	32,94

EPDM GASKETS, RILSAN COATING AND GASKET LUBRICANT ARE SUITABLE FOR CONTACT WITH DRINKING WATER according to WRAS test reports and FDA and USDA group H1 specifications respectively.