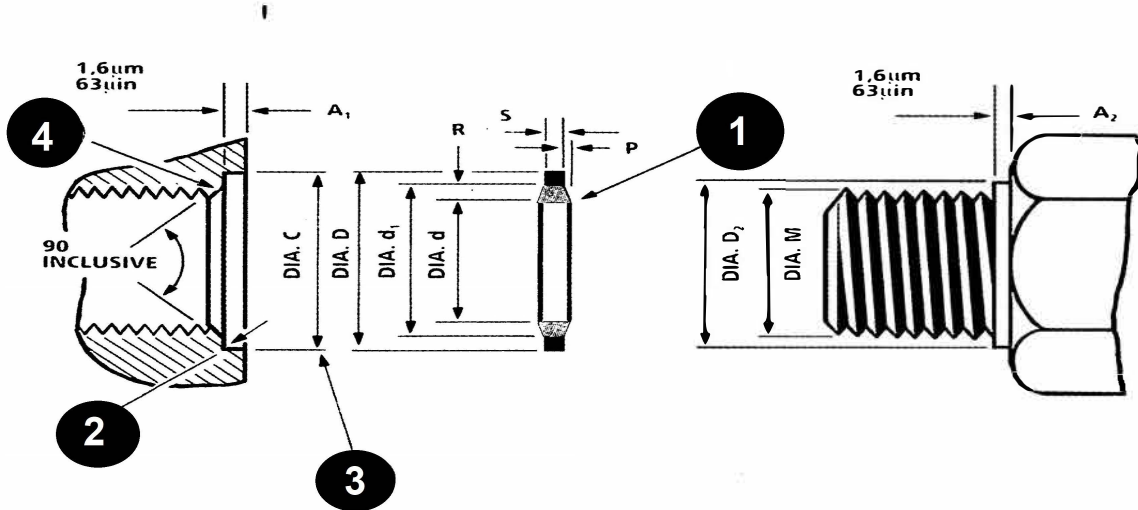


## BONDED SEALS TO SUIT PIPE CONNECTIONS AND COUPLINGS

As recommended in ISO1179-1973 (Formerly a CETOP recommendation) Series C



### NOTES TO ENSURE CORRECT FITTING AND SUCCESSFUL APPLICATION

- 1 Ensure that the maximum irregular flash on the washer does not exceed 0.38mm on the width (0.015")
- 2 All joint surfaces should be flat and square to the thread axis with a maximum radius of 0.13mm (0.005")
- 3 Locating diameters must be concentric with the thread diametrical tolerance of 0.25mm (0.010") acceptability
- 4 The chamfer / conterbore diameter for the removal of the first thread must be concentric with and not exceed the thread diameter

THREAD DIA. 'M' BSP	BONDED SEAL							D <sub>2</sub> +0,5	A		MINIMUM BURST PRESSURE BAR
	SIZE REF ***	D -0,2	d +0,2	d <sub>1</sub> +0,2	S ±0,15	R ±0,2	P +0,25 -0,00		A <sub>1</sub> max A <sub>2</sub> min	C +0,4	
1/16	519	12,7	8,3	9,9	1,25	0,8	0,25	12	1	13	1100
1/8	510	14,7	10,4	12		0,8		14	1	15	930
1/4	511	18,7	13,85	15,75		0,95		18	1,5	19	793
3/8	512	22,7	17,35	19,25		0,95		22	2	23	775
1/2	513	26,7	21,65	23,55		0,95		26	2,5	27	586
3/4	514	32,5	27,3	29,2		0,95		32	2,5	33	500
1	515	39,5	34,2	36,1	2	0,95		39	2,5	40	414
1 1/4	516	49,5	42,8	44,7		0,95		49	2,5	50	500
1 1/2	517	55,5	48,7	50,6		0,95		55	2,5	56	434
2	518	68,5	60,5	62,4		0,95		68	3	69	448

Part number example 400-510-4490-41

Burst pressures were calculated using 540 MN/m<sup>2</sup> (35 ton f/in<sup>2</sup>), UTS steel