

## MINIMESS® 1620 TEST POINTS & ADAPTORS

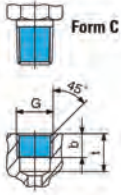
### DESCRIPTION

Minimess 1620 or 'Test 20' is the most commonly used test point across all industries. The wide range of choice in materials & threads make this the most versatile range available

### SPECIFICATIONS

Working temperature range	NBR: -25°C to +100°C FKM: -20°C to +200°C
Max. working pressure	630 bar

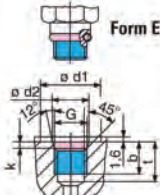
**Thread form data**



**Form C**

Thread port according to DIN 3852 part 1 and part 2, form 2 (sealed with suitable sealant)

G	h	t
ISO 7 x 1 - BSPP	5.5	9.8
ISO 7 x 1 - BSPP	8.5	13.5

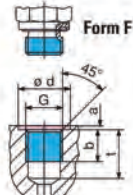


**Form E**

Thread port according to SAE J 514 (UNF) or according to ISO 6149-1 (sealed with O-ring)

SAE J 514 (UNF)	G	d <sub>1</sub>	d <sub>2</sub>	b	k	t	h	z"
7/16-20 UNF	21.0	12.4	11.5	2.4	14.0	1.6	12.0	
1/2-20 UNF	29.0	14.0	11.5	2.4	14.0	1.6	12.0	
9/16-18 UNF	35.0	15.0	12.7	2.5	15.5	1.6	12.0	
3/4-16 UNF	40.0	20.0	14.3	2.5	17.5	2.4	12.0	

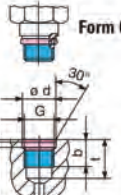
ISO 6149-1	G	d <sub>1</sub>	d <sub>2</sub>	b	k	t	h	z"
M10 x 1	19.0	11.1	10.0	1.8	11.5	1.0	12.0	
M12 x 1.5	19.0	13.0	11.5	2.4	14.0	1.6	15.0	
M14 x 1.5	21.0	15.0	11.5	2.4	14.0	1.6	15.0	
M16 x 1.5	24.0	17.8	13.0	2.4	15.5	1.8	15.0	



**Form F**

Thread Port up to Ø d according to DIN 3852 part 1 and part 2, from X (sealed with flat seal)

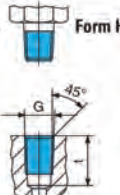
G	d	w	b	t
ISO 228-6-1/8	15.0	1.0	6.0	13.0
ISO 228-6-1/4	30.0	1.5	12.0	18.5
ISO 228-6-3/8	35.0	2.0	13.0	19.0
ISO 228-6-1/2	57.0	2.5	14.0	22.0
M12 x 1.5	16.0	1.5	12.0	13.5
M14 x 1.5	19.0	1.8	12.0	16.5
M16 x 1.5	22.0	1.8	13.0	18.5



**Form G**

Thread Port according to HYDROTECHNIK standard N901-01-14 (sealed with O-ring)

G	d	b	t
M8 x 1	8.5	8.0	13.0
M10 x 1	11.5	8.0	13.0



**Form H**

Thread Port according to ANSI/ASME B 1.20.1-1983 (self sealing thread)

G	t
1/8 NPTF	12.0
1/4 NPTF	17.5
1/2 NPTF	22.0

### MINIMESS 1620 TEST POINT STEEL WITH NBR SEALS METRIC MALE



8430

PART NUMBER	THREAD	SEAL TYPE
HTP2103-01-33.00	M10 x 1.0	Form G
HTP2103-01-13.00	M12 x 1.5	Form F
HTP2103-01-14.00	M14 x 1.5	Form F
HTP2103-01-15.00	M16 x 1.6	Form F

### BSPP MALE

HTP2103-01-17.00	1/8" BSPP	Form F
HTP2103-01-18.00	1/4" BSPP	Form F
HTP2103-01-51.CN	1/4" BSPP	Cone
HTP2103-01-16.00	3/8" BSPP	Form F

### NPTF MALE

HTP2103-01-46.00	1/8" NPTF	Form H
HTP2103-01-47.00	1/4" NPTF	Form H

### UNF MALE

HTP2103-01-21.00	7/16" UNF	Form E
HTP2103-01-53.00	9/16" UNF	Form E

### BSPT MALE

HTP2103-01-40.00	1/8" BSPT	Form C
HTP2103-01-41.00	1/4" BSPT	Form C

### MINIMESS 1620 TEST POINT STAINLESS STEEL WITH FKM SEALS BSPP MALE



8430

PART NUMBER	THREAD	SEAL TYPE
HTP2703-01-17.10	1/8" BSPP	Form F
HTP2703-01-18.10	1/4" BSPP	Form F

### NPTF MALE

HTP2703-01-47.10	1/4" NPTF	Form H
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Other threads available on request