



# Inert gas extinguishing technology

## Pipe coupling

### Fittings Quantum with pressure test upstream piping

### Approvals

no approval required

Designation	DN	Thread Quantum	Part no.	Weight kg (lbs)
 End cap to G1/2 <sup>1)</sup>	50	G2"	926527	0.87 (1.92)
	80	G3"	926529	2.2 (4.85)
 Locking screw	-	R1/2	774822	0,045 (0.1)
 Adapter Quantum/ISO7	50	G2"	931809	1.2 (2.65)
 Socket	50	G2"	926533	1.2 (2.65)
	80	G3"	926538	2.6 (5.73)
 Socket red.	80 / 50	G3" x G2"	926539	3.8 (8.4)
 Union	50	G2"	931879	1.9 (3.4)
 Elbow 90	50	G2"	926540	3.6 (7.94)
	80	G3"	926802	8.5 (18.7)

<sup>1)</sup> if the connection G1/2 is not required, use the locking screw VSTI R1/2 part no. 774822

### Technical data

Working pressure .....Quantum, max. 140 bar (2030 psi)  
 Finish .....electroplated coating ISO 2081 - Fe / Zn 5 / A  
 Material .....steel

### Application

IG-01 (argon), IG-100 (nitrogen), IG-55, IG-541, carbon dioxide (CO<sub>2</sub>), FK-5-1-12 and HFC-227ea fire extinguishing systems up to max. 140 bar working pressure.

### Note

The Quantum connection system is a manually screwed high-pressure component with a pressure rating up to PN140. The system uses a tool-free connection system with special threads.

### Marking

type (Quantum), manufacture's sign (F), manufacturing date (MM/YY), production order number (xxxxxx), nominal diameter (DN..), working pressure, batch number (xxxxx)

### SAP designation

e.g. part no. 926539: Socket G3" Quantum to G2" 140bar

### Maintenance

External visual inspection during the maintenance intervals specific to the fire extinguishing system, but at least annually.

### Spare parts

DN50: O-ring 55x3,5 NBR 70 Shore, part no. 926872

DN80: O-ring 84x3,5 NBR 70 Shore, part no. 926873

### Not included in delivery

Techn. description Quantum connection system (en) ...929292



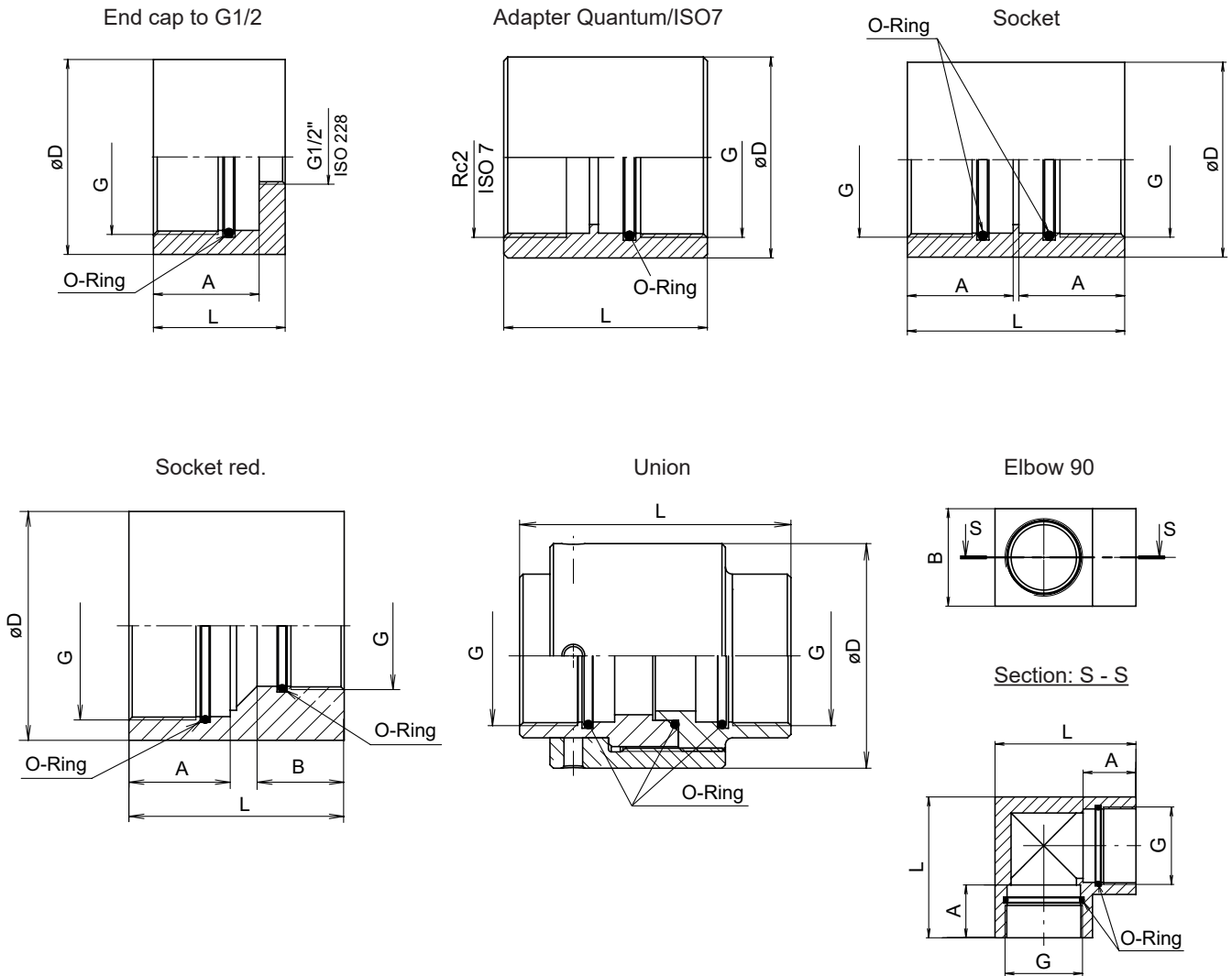
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#### Dimension drawing

Dimensions in mm (inch)



Designation	DN	Thread G Quantum	A	B	øD	L
End cap to G1/2	50	G2"	40.7 (1.60)	-	75 (2.95)	50.7 ±0.1 (2 ±0.004)
	80	G3"	47.3 (1.86)	-	109 (4.29)	62.3 ±1 (2.45 ±0.04)
Adapter Quantum/ISO7	50	G2"	-	-	75 (2.95)	76 (2.99)
	80	G3"	47.3 (1.86)	-	109 (4.29)	100.6 ±1 (3.96 ±0.04)
Socket red.	80 / 50	G3" x G2"	47.3 (1.86)	40.7 (1.60)	109 (4.29)	100.6 ±0.5 (3.96 ±0.02)
	50	G2"	-	-	96 (3.78)	116 (4.57)
Elbow 90	50	G2"	40.7 (1.60)	75 (2.95)	-	112.5 (4.43)
	80	G3"	47.3 (1.86)	108 (4.25)	-	146.8 (5.78)

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