

HIGH PRESSURE COUPLERS AND FITTINGS

- Suitable for working pressures up to 10000 psi
- Designed to ensure easy system connection and assembly

Model number	See picture	Description	Thread specification
HF7	1	Nipple	1/4" NPT male to 1/4" NPT male
HF8	5	Adaptor	1/4" NPT female to 1/4" NPT female
HF10	2	Elbow	3/8" NPT female to 3/8" NPT female
HF12	3	Equal tee	3/8" NPT female
HF13	4	Cross	3/8" NPT female
HF14	5	Adaptor	3/8" NPT female to 3/8" NPT female
HF15	5	Reducer	3/8" NPT female to 1/4" NPT female
HF16	6	Elbow	3/8" NPT female to 3/8" NPT male
HF17	1	Nipple	3/8" NPT male to 3/8" NPT male
HF19	1	Long nipple	3/8" NPT male to 3/8" NPT male
HF24	7	Adaptor	3/8" NPT male to 3/8" BSP female
HF27	1	Nipple	1/4" NPT male to 3/8" NPT male
HF30	7	Reducer	3/8" NPT male to 1/4" NPT female
HF31	8	Tee	3/8" NPT female to 3/8" NPT male
HF33	7	Reducer	3/8" NPT male to 1/4" BSP female
HF55	7	Reducer	3/8" NPT female to 1/4" NPT male
HF69	7	Adaptor	1/2" BSP male to 3/8" NPT female
CF1	9	Female coupler	3/8" NPT male
CM1	10	Male coupler	3/8" NPT female
CMF1	9 + 10	Complete coupler	3/8" NPT
CF2	9	Female coupler	1/4" NPT male
CM2	10	Male coupler	1/4" NPT female
CMF2	9 + 10	Complete coupler	1/4" NPT
CFD1	11	Metal dust cap for CF1	
CMD1	12	Metal dust cap for CM1	
CFD2	11	Metal dust cap for CF2	
CMD2	12	Metal dust cap for CM2	
PPC1	13	Moulded universal dust cap to suit CF1 & CM1	



Picture 1



Picture 2



Picture 3



Picture 4



Picture 5



Picture 6



Picture 7



Picture 8



Picture 9



Picture 10



Picture 11



Picture 12



Picture 13

PRESSURE GAUGES & GAUGE MOUNTING BLOCKS



Clear precise dual scale readings

Manufactured to EN837-1

+/-1% full scale accuracy

GAUGES

- ▶ Choice of dry or glycerin filled models available
- ▶ Recommended for use within all hydraulic systems to monitor hydraulic pressure
- ▶ Dual scale reading on all models
- ▶ Gauges scaled to match high tonnage cylinders available on request
- ▶ Individual gauge calibration certificates available at extra cost on request

Model number	Gauge diameter (in)	Gauge type	Reading inner scale	Reading outer scale	Inlet thread	Compatible Hi-Force cylinders	Weight (lbs)
HG63G	2.48	glycerin	0-700 bar	0-10000 psi	1/4"-18 NPT	All models	0.4
HG1	3.94	dry	0-700 bar	0-10000 psi	1/2"-14 NPT	All models	2.0
HG1G	3.94	glycerin	0-700 bar	0-10000 psi	1/2"-14 NPT	All models	2.2
HG2	5.91	dry	0-700 bar	0-10000 psi	1/2"-14 NPT	All models	3.5
HG2G	5.91	glycerin	0-700 bar	0-10000 psi	1/2"-14 NPT	All models	3.7

GAUGE MOUNTING BLOCKS:

- ▶ For easy "inline" connection of the selected pressure gauge to the hydraulic system

Model number	Length	Dimensions (in) Width	Height	Gauge thread	Inlet thread	Outlet thread	Weight (lbs)
HGA1	2.96	1.26	1.26	1/2"-14 NPT	3/8"-18 NPT male	3/8"-18 NPT female	0.6
HGA2	6.3	1.26	1.26	1/2"-14 NPT	3/8"-18 NPT male	3/8"-18 NPT female	1.9
HGA1-25	2.96	1.26	1.26	1/4"-18 NPT	3/8"-18 NPT male	3/8"-18 NPT female	0.7
HGA2-25	6.3	1.26	1.26	1/4"-18 NPT	3/8"-18 NPT male	3/8"-18 NPT female	2.0
AGA1-25	2.96	1.26	1.97	1/4"-18 NPT	3/8"-18 NPT male	3/8"-18 NPT female	1.2

HIGH PRESSURE HYDRAULIC HOSES















Working pressure 10000 psi

4:1 Factor of safety

Hand grip protective strain relievers

► Available in black or red outer covering to assist with identifying advance and return lines in double acting hydraulic systems

Length (ft)	No couplers 3/8" - 18 NPT male fitting both ends		Weight (lbs)	3/8" - 18 NPT male fitting one end with CM1 coupler fitted one end		Weight (lbs)	CM1 male couplers fitted both ends		Weight (lbs)
	Model number			Model number			Model number		
									
									
1.5	HH0.5	HH0.5R	0.9	HC0.5	HC0.5R	1.1	HC0.5C	HC0.5CR	1.5
3.3	HH1	HH1R	1.1	HC1	HC1R	1.5	HC1C	HC1CR	2.2
6.5	HH2	HH2R	1.5	HC2	HC2R	2.0	HC2C	HC2CR	2.4
10	HH3	HH3R	2.0	HC3	HC3R	2.2	HC3C	HC3CR	2.6
13	HH4	HH4R	2.6	HC4	HC4R	2.6	HC4C	HC4CR	3.3
16.5	HH5	HH5R	2.9	HC5	HC5R	3.1	HC5C	HC5CR	3.5
19.5	HH6	HH6R	3.3	HC6	HC6R	3.5	HC6C	HC6CR	4.0
33	HH10	HH10R	4.9	HC10	HC10R	5.3	HC10C	HC10CR	5.7
39.5	HH12	HH12R	6.2	HC12	HC12R	6.6	HC12C	HC12CR	7.1
49	HH15	HH15R	6.8	HC15	HC15R	7.3	HC15C	HC15CR	7.7
65.5	HH20	HH20R	9.0	HC20	HC20R	9.3	HC20C	HC20CR	9.7
82	HH25	HH25R	11.7	HC25	HC25R	12.1	HC25C	HC25CR	12.3
98.5	HH30	HH30R	16.1	HC30	HC30R	17.0	HC30C	HC30CR	17.4

Note: Hose bore is 1/4" and outside diameter is 1/2".