

HYDRAULIC HOSE

HOSE FOR HIGH PRESSURE GAS PIPING / G TYPE

<Specifications>

- Construction : Tube ----- Synthetic rubber excellent in gas and liquid ammonia resistance
Reinforcement ----- High tensile steel wire
Cover ----- Synthetic fiber
- Fluids : Ammonia, nitrogen, carbon dioxide, oxygen, and other inert gases.
※Liquid can be applied only ammonia on some cases. When using with oxygen, please be careful of external factors such as the origin of a fire.
- Fluid temperature : -40°C to +80°C
- Ambient temperature : -40°C to +50°C

G-30

Part No.	Nominal Size	I.D. (mm)	O.D. (mm)	Rein- forcement	Max Working Pressure (MPa)	Min Burst Pressure (MPa)	Min Bend Radius (mm)	Approx. Weight (g/m)
G-30-06	6	6.3	15.1	1W	2.9	14.7	100	295
G-30-09	9	9.5	19.1	1W	2.9	14.7	130	475
G-30-12	12	12.7	22.2	1W	2.9	14.7	170	555
G-30-19	19	19.0	29.4	1W	2.9	14.7	240	770
G-30-25	25	25.4	38.0	1W	2.9	14.7	300	1,190
G-30-32	32	31.8	48.5	1W	2.9	14.7	380	1,785
G-30-38	38	38.1	54.8	1W	2.9	14.7	500	2,120
G-30-50	50	50.8	67.5	2W	2.9	14.7	630	3,195

G-150

Part No.	Nominal Size	I.D. (mm)	O.D. (mm)	Rein- forcement	Max Working Pressure (MPa)	Min Burst Pressure (MPa)	Min Bend Radius (mm)	Approx. Weight (g/m)
G-150-06	6	6.3	15.1	2W	14.7	58.8	100	370
G-150-09	9	9.5	19.1	2W	14.7	58.8	120	595
G-150-12	12	12.7	22.2	2W	14.7	58.8	160	695
G-150-19	19	19.0	29.4	2W	14.7	58.8	210	1,000
G-150-25	25	25.4	38.3	2W	14.7	58.8	280	1,495
G-150-32	32	31.8	49.4	4S	14.7	58.8	410	3,015
G-150-38	38	38.1	56.3	4S	14.7	58.8	500	3,665
G-150-50	50	50.8	69.4	4S	14.7	58.8	600	4,715



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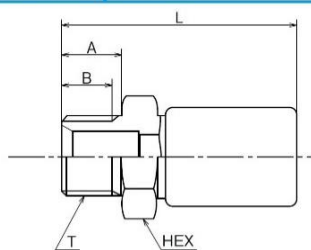
2024E-12g

HOSE COUPLING

Hose for high pressure gas piping / G type

01 TYPE

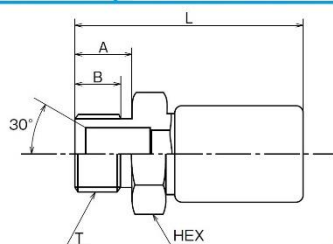
Taper male screw for pipe



Nominal Size	T Thread	I.D. (mm)	A (mm)	B (mm)	L (mm)	HEX (mm)	Part No.	Hose Part No.
6	R $\frac{1}{4}$	4	14	11	55	19	6-01-G	G-30·G-150
9	R $\frac{3}{8}$	7	15	12	62	22	9-01-G	G-30·G-150
12	R $\frac{1}{2}$	10	19	16	68	27	12-01-G	G-30·G-150
19	R $\frac{3}{4}$	15.5	20	17	79	36	19-01-G	G-30·G-150
25	R1	21	23	20	88	41	25-01-G	G-30·G-150
32	R1 $\frac{1}{4}$	27	26	23	113	50	32-01-G	G-30
		26			135		32-01-S-Z	G-150
38	R1 $\frac{1}{2}$	33	26	23	117	60	38-01-G	G-30
		32			146		38-01-S-Z	G-150
50	R2	46	30	26	134	70	50-01-G	G-30
		42			166		50-01-S-Z	G-150

02 TYPE

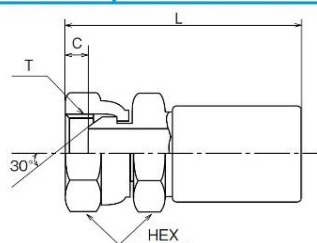
Parallel male screw for pipe
(30° flare seat)



Nominal Size	T Thread	I.D. (mm)	A (mm)	B (mm)	L (mm)	HEX (mm)	Part No.	Hose Part No.
6	G $\frac{1}{4}$	4	14	11	55	19	6-02-G	G-30·G-150
9	G $\frac{3}{8}$	7	15	12	62	22	9-02-G	G-30·G-150
12	G $\frac{1}{2}$	10	19	15	68	27	12-02-G	G-30·G-150
19	G $\frac{3}{4}$	15.5	20	16	79	36	19-02-G	G-30·G-150
25	G1	21	23	18	88	41	25-02-G	G-30·G-150
32	G1 $\frac{1}{4}$	27	26	21	113	50	32-02-G	G-30
		26			135		32-02-S-Z	G-150
38	G1 $\frac{1}{2}$	33	26	21	117	60	38-02-G	G-30
		32			146		38-02-S-Z	G-150
50	G2	46	30	25	134	70	50-02-G	G-30
		42			166		50-02-S-Z	G-150

04 TYPE

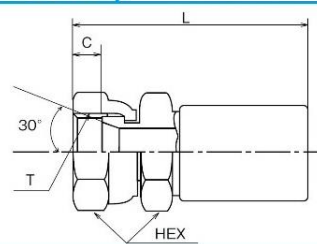
Parallel female screw for pipe
(30° taper seat)



Nominal Size	T Thread	I.D. (mm)	C (mm)	L (mm)	HEX (mm)	Part No.	Hose Part No.
6	G $\frac{1}{4}$	4	5	59	19	6-04-G	G-30·G-150
9	G $\frac{3}{8}$	7	6	64	22	9-04-G	G-30·G-150
12	G $\frac{1}{2}$	10	6.5	70.5	27	12-04-G	G-30·G-150
19	G $\frac{3}{4}$	15.5	8	83.5	36	19-04-G	G-30·G-150
25	G1	21	9	92	41	25-04-G	G-30·G-150
32	G1 $\frac{1}{4}$	27	13	119	50	32-04-G	G-30
		26		138		32-04-S-Z	G-150
38	G1 $\frac{1}{2}$	33	13	124	60	38-04-G	G-30
		32		150		38-04-S-Z	G-150
50	G2	46	16	141	70	50-04-G	G-30
		42		173		50-04-S-Z	G-150

05 TYPE

Parallel female screw for pipe
(30° flare seat)



Nominal Size	T Thread	I.D. (mm)	C (mm)	L (mm)	HEX (mm)	Part No.	Hose Part No.
6	G $\frac{1}{4}$	4	8	59	19	6-05-G	G-30·G-150
9	G $\frac{3}{8}$	7	10	64	22	9-05-G	G-30·G-150
12	G $\frac{1}{2}$	10	12	70.5	27	12-05-G	G-30·G-150
19	G $\frac{3}{4}$	15.5	14	83.5	36	19-05-G	G-30·G-150
25	G1	21	14	92	41	25-05-G	G-30·G-150
32	G1 $\frac{1}{4}$	27	16	119	50	32-05-G	G-30
		26		138		32-05-S-Z	G-150
38	G1 $\frac{1}{2}$	33	16	124	60	38-05-G	G-30
		32		150		38-05-S-Z	G-150
50	G2	46	19	141	70	50-05-G	G-30
		42		173		50-05-S-Z	G-150