

HYDRAULIC HOSE

HOSE FOR GENERAL HYDRAULIC OIL PIPING / F TYPE(for low and medium pressure)

<Specifications>

- Construction : Tube ----- Synthetic rubber excellent in oil resistance
Reinforcement ----- Synthetic fiber
Cover ----- Synthetic rubber excellent in oil and weather resistance
- Fluid temperature : -40°C to +100°C
Fluid temperature for F-15-32, 38, 50 : -40°C to +80°C
- Ambient temperature : -40°C to +70°C

 **Caution** : Don't use F types in a place where a sharp object touches since the reinforcing layer consists of synthetic fiber. K, Z and NSL types are recommended when you use them as dynamic pipe.

※The specifications showed in yellow indicate our standard products.

F-15

Part No.	Nominal Size	I.D. (mm)	O.D. (mm)	Reinforcement	Max Working Pressure (MPa)	Min Burst Pressure (MPa)	Min Bend Radius (mm)	Approx. Weight (g/m)
F-15-06	6	6.3	13.0	2S	1.5	6.0	75	130
F-15-09	9	9.5	16.7	2S	1.5	6.0	95	175
F-15-12	12	12.7	20.5	2S	1.5	6.0	120	250
F-15-19	19	19.0	30.0	2S	1.5	6.0	175	585
F-15-25	25	25.4	37.0	2S	1.5	6.0	225	785
F-15-32	32	31.8	45.5	2B	1.5	6.0	330	1,020
F-15-38	38	38.1	52.8	2B	1.5	6.0	380	1,350
F-15-50	50	50.8	69.0	3B	1.5	6.0	500	2,290

F-35

Part No.	Nominal Size	I.D. (mm)	O.D. (mm)	Reinforcement	Max Working Pressure (MPa)	Min Burst Pressure (MPa)	Min Bend Radius (mm)	Approx. Weight (g/m)
F-35-06	6	6.3	13.0	2S	3.5	14.0	75	130
F-35-09	9	9.5	16.7	2S	3.5	14.0	100	175
F-35-12	12	12.7	20.5	2S	3.5	14.0	125	250
F-35-19	19	19.0	32.6	2B	3.5	14.0	195	755
F-35-25	25	25.4	39.2	2B	3.5	14.0	240	960
F-35-32	32	31.8	46.0	2B	3.5	14.0	295	1,100
F-35-38	38	38.1	52.3	2B	3.5	14.0	370	1,320
F-35-50	50	50.8	66.2	2B	3.5	14.0	435	1,905



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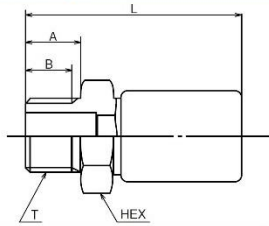
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HOSE COUPLING

Hose for general hydraulic oil piping / F type

01 TYPE

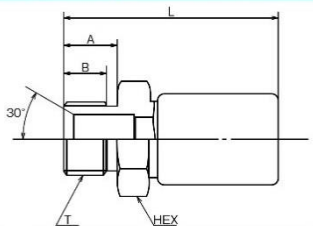
Taper male screw for pipe



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	13	10	46.5	17	6-01-F	F-15·F-35
9	R $\frac{3}{8}$	6	15	12	50.5	19	9-01-F	F-15·F-35
12	R $\frac{1}{2}$	9.5	18	15	59	22	12-01-F	F-15·F-35
19	R $\frac{3}{4}$	15.5	20	17	72	30	19-01-F15	F-15
					79	36	19-01-F35	F-35
25	R1	20.5	22	19	79	36	25-01-F15	F-15
		21	23	20	88	41	25-01-F35	F-35
32	R1 $\frac{1}{4}$	27	26	23	95	46	32-01-F15	F-15
					113	50	32-01-F35	F-35
38	R1 $\frac{1}{2}$	33	26	23	104	50	38-01-F15	F-15
					117	60	38-01-F35	F-35
50	R2	46	30	26	132	65	50-01-F15	F-15
					134	70	50-01-F35	F-35

02 TYPE

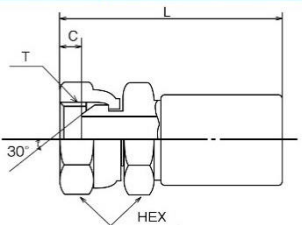
Parallel male screw for pipe (30° flare seat)



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	13	10	46.5	17	6-02-F	F-15·F-35
9	G $\frac{3}{8}$	6	15	12	50.5	19	9-02-F	F-15·F-35
12	G $\frac{1}{2}$	9.5	18	15	59	22	12-02-F	F-15·F-35
19	G $\frac{3}{4}$	15.5	20	17	72	30	19-02-F15	F-15
				16	79	36	19-02-F35	F-35
25	G1	20.5	22	19	79	36	25-02-F15	F-15
		21	23	18	88	41	25-02-F35	F-35
32	G1 $\frac{1}{4}$	27	26	21	95	46	32-02-F15	F-15
					113	50	32-02-F35	F-35
38	G1 $\frac{1}{2}$	33	26	21	104	50	38-02-F15	F-15
					117	60	38-02-F35	F-35
50	G2	46	30	25	132	65	50-02-F15	F-15
					134	70	50-02-F35	F-35

04 TYPE

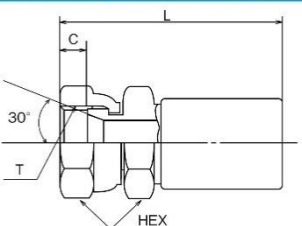
Parallel female screw for pipe (30° taper seat)



Nominal Size	T Thread	I.D. (mm)	C (mm)	L (mm)	Nut HEX (mm)	Nipple HEX (mm)	Part No.	Hose Part No.
6	G $\frac{1}{4}$	4	5.5	52	19	17	6-04-F	F-15·F-35
9	G $\frac{3}{8}$	6	6.5	56	22	19	9-04-F	F-15·F-35
12	G $\frac{1}{2}$	9.5	6	64	27	22	12-04-F	F-15·F-35
19	G $\frac{3}{4}$	15.5	8	77.5	36	30	19-04-F15	F-15
			7.5	83	36	36	19-04-F35	F-35
25	G1	20.5	9	86	41	36	25-04-F15	F-15
		21		92	41	41	25-04-F35	F-35
32	G1 $\frac{1}{4}$	27	13	100.5	50	46	32-04-F15	F-15
				119		50	32-04-F35	F-35
38	G1 $\frac{1}{2}$	33	13	110.5	60	50	38-04-F15	F-15
				124		60	38-04-F35	F-35
50	G2	46	16	138.5	70	65	50-04-F15	F-15
				141		70	50-04-F35	F-35

05 TYPE

Parallel female screw for pipe (30° flare seat)



Nominal Size	T Thread	I.D. (mm)	C (mm)	L (mm)	Nut HEX (mm)	Nipple HEX (mm)	Part No.	Hose Part No.
6	G $\frac{1}{4}$	4	8.5	52	19	17	6-05-F	F-15·F-35
9	G $\frac{3}{8}$	6	10.5	56	22	19	9-05-F	F-15·F-35
12	G $\frac{1}{2}$	9.5	11.5	64	27	22	12-05-F	F-15·F-35
19	G $\frac{3}{4}$	15.5	14	77.5	36	30	19-05-F15	F-15
			13.5	83	36	36	19-05-F35	F-35
25	G1	20.5	14	86	41	36	25-05-F15	F-15
		21		92	41	41	25-05-F35	F-35
32	G1 $\frac{1}{4}$	27	16	100.5	50	46	32-05-F15	F-15
				119		50	32-05-F35	F-35
38	G1 $\frac{1}{2}$	33	16	110.5	60	50	38-05-F15	F-15
				124		60	38-05-F35	F-35
50	G2	46	19	138.5	70	65	50-05-F15	F-15
				141		70	50-05-F35	F-35