



Inner-Grooved Tube Definitions

- **D** : Outer Diameter
- **TF** : Thickness of the Bottom Wall
- **H** : Groove Depth
- **α** : Groove Angle
- **β** : Helix Angle
- **d** : Inner Diameter at Groove Tip

INNER GROOVED - TUBE

High Thermal performance provides higher efficiency in Refrigeration systems.
Used in Air Conditioning and Cooling systems in Refrigeration industry.

Specifications	Unit Weight (g/m)	O.D (D)	I.D	Bottom Wall Thickness (TF)	Groove Depth (H)	Total Wall Thickness (TF + H)	Groove Angle α	Helix Angle β	Number of Tooth
Ø7.0-0.22+0.10-16°	47	7	6.36	0.22	0.10	0.32	35	16	65
Ø7.0-0.23+0.12-17°	47.5	7	6.30	0.23	0.12	0.35	40	17	65
Ø7.00-0.25+0.10-15°	52	7.00	6.30	0.25	0.10	0.35	40	15	65
Ø7.00-0.25+0.18-18°	57	7.00	6.14	0.25	0.18	0.43	40	18	50
Ø7.00-0.25+0.22-16°	58	7.00	6.06	0.25	0.22	0.47	22	16	54
Ø7.00-0.27+0.15-18°	60	7.00	6.16	0.27	0.15	0.42	53	18	60
Ø7.94-0.24+0.13-18°	60.5	7.94	7.2	0.24	0.13	0.37	33	18	70
Ø7.94-0.25+0.18-18°	65	7.94	7.08	0.25	0.18	0.48	40	18	50
Ø7.94-0.25+0.20-18°	66	7.94	7.04	0.25	0.20	0.45	40	18	50
Ø7.94-0.26+0.17-18°	66	7.94	7.08	0.26	0.17	0.43	40	18	50
Ø7.94-0.28+0.20-18°	72	7.94	6.98	0.28	0.20	0.48	40	18	50
Ø7.94-0.30+0.20-18°	76	7.94	6.94	0.30	0.20	0.50	40	18	50
Ø9.52-0.27+0.16-18°	82	9.52	8.66	0.27	0.16	0.43	30	18	70
Ø9.52-0.28+0.12-15°	80	9.52	8.72	0.28	0.12	0.40	53	15	65
Ø9.52-0.28+0.15-18°	83	9.52	8.66	0.28	0.15	0.43	53	18	60
Ø9.52-0.28+0.15-25°	88	9.52	8.66	0.28	0.15	0.43	90	25	65
Ø9.52-0.28+0.20-18°	85	9.52	8.56	0.28	0.20	0.48	25	18	55
Ø9.52-0.28+0.20-18°	88	9.52	8.56	0.28	0.20	0.48	40	18	60
Ø9.52-0.30+0.20-18°	90	9.52	8.52	0.30	0.20	0.50	30	18	60
Ø9.52-0.30+0.20-18°	94	9.52	8.52	0.30	0.20	0.50	53	18	60
Ø9.52-0.34+0.15-25°	104	9.52	8.54	0.34	0.15	0.49	90	25	65
Ø9.52-0.40+0.25-18°	123	9.52	8.22	0.40	0.25	0.65	40	18	60
Ø12.00-0.36+0.25-18°	140	12.00	10.78	0.36	0.25	0.61	40	18	70
Ø12.70-0.35+0.25-18°	155	12.70	11.50	0.35	0.25	0.60	53	18	70
Ø12.70-0.40+0.25-18°	170	12.70	11.40	0.40	0.25	0.65	53	18	70
Ø12.70-0.50+0.25-18°	201	12.70	11.20	0.50	0.25	0.75	53	18	75
Ø12.75-0.36+0.21/0.25-20°	150	12.75	11.53	0.36	0.25	0.61	48	20	70