

Continuous tube pulling systems

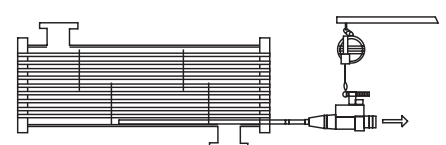
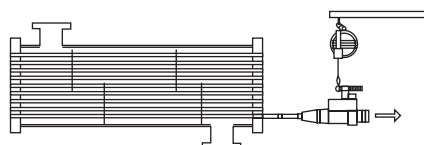
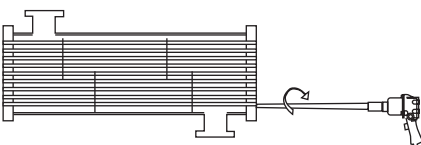
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- ❑ Hydraulic tube pulling systems
- ❑ Light in weight higher mobility
- ❑ Small foot print suitable for confined areas
- ❑ Higher productivity
- ❑ Low maintenance
- ❑ Silent in operation easy on operator's ears

Power pack (Continuous tube pulling)			
	TTP-50	TTP-75	TPP-50
Oil tank capacity (Its)	90	100	60
Oil	ISO 68	ISO 68	ISO 68
Weight (kg/lbs)	230 (506)	255 (561)	230 (506)
Drive	Electric	Electric	Pneumatic
Voltage	415v +/- 10%	415v +/- 10%	N. A.
Power in kw	3.7	5.5	4.9
Air consumption (cfm)	N.A	N.A	150
Air Pressure (psig)	N. A.	N. A.	90 psi
Control Voltage (v)	24	24	24

Tube pulling guns (Continuous)			
	TPG - 15	TPG - 30	TPG - 45
Pulling capacity (T @350 bar)	15	30	45
Min to Max tube O.D.	3/8" - 1"	3/8" - 1.1/2"	1" - 3"
Stub pulling capacity	- 1.1/2" O.D.	- 3" O.D.	- 4" O.D.
Pull stroke (mm)	150	150	150
Weight (kg/lbs)	25	50	61





Tool Balancer:

To suspend pulling gun

Model	Capacity	Wt. (kg)
E - 30	22 - 30	KG 9.5
E - 60	50 - 60 KG	12.6
E - 70	60 - 70	KG 13.2



Sockets:

To drive mandrels with impact wrench

Model No.	A	B
TS - 1	3/4"	3/8"
TS - 2	3/4"	1/2"
TS - 3	3/4"	5/8"
TS - 4	3/4"	3/4"
TS - 5	3/4"	1"
TS - 6	1"	3/4"
TS - 7	1"	1"



Impact wrench:

To drive mandrels

Model	A	B	Tube Dia
IMT - 1	3/4"	3/8"	upto 2"
IMT - 2	1"	1/2"	upto 3"

'PINE JENNY' STYLE TUBE PULLING ACCESSORIES

'PINE JENNY' TUBE SPEARS



3/8" - 1" TUBE SPEAR

Model Number	Tube OD inch	BWG
T-0916	3/8	16-17
T-0918	3/8	18-19
T-0920	3/8	20-21
T-0922	3/8	22-24
T-1212	5/8	12-13
T-1214	5/8	14-15
T-1216	5/8	16-17
T-1218	5/8	18-19
T-1220	5/8	20-21
T-1911	3/4	11-13
T-1914	3/4	14-15
T-1916	3/4	16-17
T-1918	3/4	18-19
T-1920	3/4	20-21
T-2212	7/8	12-13
T-2214	7/8	14-15
T-2216	7/8	16-17
T-2218	7/8	18-19
T-2220	7/8	20-21



1.1/4" - 3" TUBE SPEAR

Model Number	Tube OD inch	BWG
T-2509	1	9
T-2510	1	10-11
T-2512	1	12-13
T-2514	1	14-15
T-2516	1	16-17
T-2518	1	18-19
T-2520	1	20-21
T-3112	1-1/4	12-13
T-3114	1-1/4	14-15
T-3116	1-1/4	16-17
T-3318	1-1/4	18-19
T-3120	1-1/4	20-21
T-3814	1-1/2	14-16
T-3817	1-1/2	17-20
T-4414	1-3/4	14-18
T-5014	2	14-18
T-5714	2-1/2	14-18
T-7610	3	10-14

Note: For other sizes of 'Pine Jenny' spears. Please enquire.

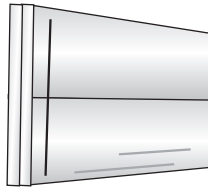
Consumables

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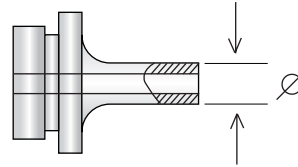


MANDREL **TPM**

TUBE		MANDREL				JAW			COLLAR	
DIA	BWG	d		TPM	SQ ∠	TPJ 15	TPJ 30	TPJ 45	TPC 15/30	TPC 45
		mm	inch							
3/8"	17 - 19	6.5 - 7.5	0.260 - 0.295	7	5/16"	1	1		11	
	20 - 24	7.5 - 8.5	0.295 - 0.0335	8						
1/2"	14 - 16	8.5 - 9.5	0.335 - 0.375	9	3/8	2	2		14	
	17 - 18	9.5 - 10.5	0.375 - 0.415	10						
	19 - 21	10.5 - 11.5	0.415 - 0.455	11						
	24	11.5 - 12.5	0.455 - 0.495	12						
5/8"	16 - 17	12.5 - 13.5	0.495 - 0.535	13A	1/2"	3	3		18	
	19 - 21	13.5 - 14.5	0.535 - 0.570	14A						
	23 - 24	14.5 - 15.5	0.570 - 0.610	15A						
3/4"	11	12.5 - 13.5	0.495 - 0.535	13	5/8"	4	4		21	
	12 - 13	13.5 - 14.5	0.535 - 0.570	14						
	14 - 15	14.5 - 15.5	0.570 - 0.610	15						
	16 - 17	15.5 - 16.5	0.610 - 0.650	16						
	18. 20	16.5 - 17.5	0.650 - 0.690	17						
	21 - 24	17.5 - 18.5	0.690 - 0.730	18						
7/8"	14	17.5 - 18.5	0.690 - 0.730	18S	5/8"	4/A	4/A		25	
	16 - 17	18.5 - 19.5	0.730 - 0.770	19S						
	18 - 19	19.5 - 20.5	0.770 - 0.810	20S						
1"	10 - 11	18.5 - 19.5	0.730 - 0.770	19	3/4"	5	5	5	28	28
	12	19.5 - 20.5	0.770 - 0.810	20						
	13 - 14	20.5 - 21.5	0.810 - 0.845	21						
	15 - 16	21.5 - 22.5	0.845 - 0.885	22						
	18	22.5 - 23.5	0.885 - 0.925	23						
	19 - 20	23.5 - 24.5	0.925 - 0.965	24						
3/4" Gas	13	21.5 - 22.5	0.845 - 0.885	22G			6	6	31	31
	14 - 15	22.5 - 23.5	0.885 - 0.925	23G						
	16 - 17	23.5 - 24.5	0.925 - 0.965	24G						
	19 - 21	24.5 - 25.5	0.996 - 1.005	25G						
1.1/4"	10	24.5 - 25.5	0.996 - 1.005	25	1"		7	7	34	
	11 - 12	25.5 - 26.5	1.005 - 1.045	26						
	13	26.5 - 27.5	1.045 - 1.085	27						
	14 - 15	27.5 - 28.5	1.085 - 1.125	28						
	16 - 18	28.5 - 29.5	1.125 - 1.165	29						
	19 - 22	29.5 - 30.5	1.165 - 1.200	30						
	23 - 24	30.5 - 31.5	1.200 - 1.240	31						
1.1/2"	10 - 11	31.5 - 32.5	1.240 - 1.280	32	1"	9	9	9	41	
	12 - 13	32.5 - 33.5	1.280 - 1.320	33						
	14	33.5 - 34.5	1.320 - 1.360	34						



TPJ



COLLAR TPC

TUBE		MANDREL				JAW			COLLAR	
DIA	BWG	mm	inch	TPM	SQ ∇	TPJ 15	TPJ 30	TPJ 45	TPC 15/30	TPC 45
	15 - 17	34.5 - 35.5	1.360 - 1.400	35						
	18 - 20	35.5 - 36.5	1.400 - 1.440	36						
	21 - 24	36.5 - 37.5	1.440 - 1.475	37						
1.1/4" Gas	12	36.5 - 37.5	1.440 - 1.475	37G	10	10		44		44
	13 - 14	37.5 - 38.5	1.475 - 1.515	38G						
	15 - 16	38.5 - 39.5	1.515 - 1.555	39G						
	17 - 19	39.5 - 40.5	1.555 - 1.595	40G						
	20 - 24	40.5 - 41.5	1.595 - 1.635	41G						
1.3/4"	10 - 11	37.5 - 38.5	1.475 - 1.515	38/44	1"			11		48
	12	38.5 - 39.5	1.515 - 1.555	39/44						
	13 - 14	39.5 - 40.5	1.555 - 1.595	40/44						
	15 - 16	40.5 - 41.5	1.595 - 1.635	41/44						
	18 - 19	41.5 - 42.5	1.635 - 1.675	42/44						
1.1/2" Gas	11 - 12	42.5 - 43.5	1.675 - 1.715	43G						
	13 - 14	43.5 - 44.5	1.830 - 1.870	44G						
	15 - 17	44.5 - 45.5	1.870 - 1.910	45G						
	18 - 19	45.5 - 46.5	1.910 - 1.950	46G						
2"	10	43.5 - 44.5	1.830 - 1.870	44/51	1"			13		54
	10 - 12	44.5 - 45.5	1.870 - 1.910	45/51						
	13	45.5 - 46.5	1.910 - 1.950	46/51						
	14 - 15	46.5 - 47.5	1.950 - 1.990	47/51						
	16 - 18	47.5 - 48.5	1.870 - 1.910	48/51						
	19 - 22	48.5 - 49.5	1.910 - 1.950	49/51						
2.1/4"	9 - 10	49.5 - 50.5	1.950 - 1.990	50/57	1.1/2"			14		60
	11	50.5 - 51.5	1.990 - 2.030	51/57						
	12 - 13	51.5 - 52.5	2.030 - 2.070	52/57						
2" Gas	7	50.5 - 51.5	1.990 - 2.030	51G	1.1/2"			15		63
	8	51.5 - 52.5	2.030 - 2.070	52G						
	9	52.5 - 53.5	2.070 - 2.106	53G						
2.1/2"	7	53.5 - 54.5	2.106 - 2.145	54/63	1.1/2"			16		66
	8	54.5 - 55.5	2.145 - 2.185	55/63						
	9	55.5 - 56.5	2.185 - 2.225	56/63						
	10	56.5 - 57.5	2.225 - 2.265	57/63						
3"	7	66.5 - 67.5	2.580 - 2.620	67/76	1.1/2"			17		66
	8	67.5 - 68.5	2.620 - 2.660	68/76						
	9 - 10	68.5 - 69.5	2.660 - 2.695	69/76						
	11	69.5 - 70.5	2.695 - 2.735	70/76						

AUTO STUB PULLER

Model	Tube Size I.D.		Stub Pulling Gun Model	Hydraulic Powerpack Model	Spring Balancer Model to Suspend Gun
	mm	inch			
TASP-1	13 - 31	1/2 - 1.1/4	TCP - 900	TPP - 35 / TEP - 15	E - 22
TASP-2	31 - 51	1.1/4 - 2	TCP - 1100	TPP - 35 / TEP - 15	E - 40

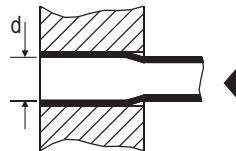
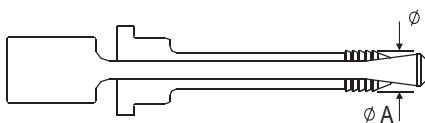
STUB PULLING GUN - SPECIFICATIONS

Model Number	TCP-900	TCP-1100
Capacity / inside dia. of expanded tube (mm)	13 to 31	31 to 51
Maximum stroke (mm)	75	120
Weight (kg)	21	39
Max. Working Pressure (bar)	700	700
Max. Pulling force (ton)	13	31



HYDRAULIC POWERPACK - SPECIFICATIONS

Model Number	TPP-35	TEP-15
Power	Pneumatic	Electric
Motor H.P	3.5	1.5
Flow rate	4.5 lpm at 0 - 70 bar	3.5 lpm at 0 - 70 bar
Tank capacity (liters)	1.8 lpm at 70 - 700 bar	0.45 lpm at 70 - 700 bar
Weight including oil (kg)	10	10
	40	52



$\varnothing A = \varnothing d - (5.0 \text{ to } 1\text{mm})$
 $\varnothing A$: diameter of jaws
 $\varnothing d$: Inside diameter of expanded tube

JAWS FOR TCP-900

$\varnothing A$		Model
mm	inch	
12	.472	960/120
13	.512	960/130
14	.551	960/140
15	.591	960/150
16	.630	960/160
17	.669	960/170
18	.709	960/180
19	.748	960/190
20	.787	960/200
21	.827	960/210
22	.866	960/220
23	.906	960/230
24	.945	960/240
25	.984	960/250
26	1.024	960/260
27	1.063	960/270
28	1.102	960/280
29	1.142	960/290
30	1.181	960/300

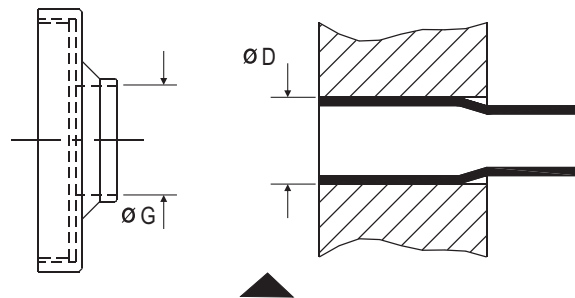
JAWS FOR TCP-1100

$\varnothing A$		Model
mm	inch	
31	1.220	1160/310
32	1.260	1160/320
33	1.299	1160/330
34	1.339	1160/340
35	1.378	1160/350
36	1.417	1160/360
37	1.457	1160/370
38	1.496	1160/380
39	1.535	1160/390
40	1.575	1160/400
41	1.614	1160/410
42	1.654	1160/420
43	1.693	1160/430
44	1.732	1160/440
45	1.772	1160/450
46	1.811	1160/460
47	1.850	1160/470
48	1.890	1160/480
49	1.929	1160/490
50	1.969	1160/500

JAWS - TIE ROD - SUPPORT COLLAR - SLEEVE - PULLING COLLAR FOR TCP TUBE PULLER

Gun Model	Jaws Model	Tie Rod Model	Support Collar	Sleeve Model	Pulling Collar Model	Spring Balancer
TCP-900	960/120 to 960/140	970/55	TSC-980	TS-990	TCP-950 Refer chart below	E-22
	960/150 to 960/180	970/60				
	960/190 to 960/200	970/80				
	960/210 to 960/240	970/120				
	960/250 to 960/300	970/160				
TCP-1100	1160/310 to 1160/350	1170/220	TSC-1180	TS-1190	TCP-1150 Refer chart below	E-40
	1160/360 to 1160/400	1170/270				
	1160/410 to 1160/450	1170/320				
	1160/460 to 1160/500	1170/370				

COLLARS FOR TCP TUBE PULLERS



$\text{Ø G} = \text{Ø D} + 3 \text{ mm}$

Ø A = inside diameter of collar

Ø D : outside diameter of tube to be pulled

FOR TCP - 900

PULLING COLLAR PC-950

OD OF TUBE		INSIDE DIA. OFF COLLAR		Model
mm	inch	mm	inch	
15.87	5/8"	19.0	0.748	PC-950/190
19.05	3/4"	22.0	0.866	PC-950/220
22.22	7/8"	25.0	0.984	PC-950/250
25.40	1"	29.0	1.142	PC-950/290
25.40	1.1/8"	32.0	1.260	PC-950/320
31.75	1.1/4"	35.0	1.378	PC-950/350
34.92	1.3/8"	38.0	1.496	PC-950/370

FOR TCP - 1100

COLLAR PC-1150

OD OF TUBE		INSIDE DIA. OFF COLLAR		Model
mm	inch	mm	inch	
38.10	1.1/2"	41.0	1.614"	PC-1150/410
41.27	1.5/8"	44.0	1.732"	PC-1150/440
44.45	1.3/4"	48.0	1.890"	PC-1150/480
47.62	1.7/8"	51.0	2.001"	PC-1150/510
50.80	2"	54.0	2.126"	PC-1150/540
53.97	2.1/8"	57.0	2.244"	PC-1150/570

TUBE REMOVAL TUBES



Features:

- ❑ This tool is used to reduce the wall thickness of heavy gauge tube.
- ❑ While Ordering specify the gauge with O.D. of tube.
- ❑ This tool is suited for 5" tube sheet.
- ❑ Long reach also available as per the requirement.



Features:

- ❑ This tool is used with chipping hammer to knockout the tube stubs & tubes from the tube sheet.
- ❑ Available in 01, 06 & 15 Shank.
- ❑ While Ordering specify the gauge with O.D. of tube & Shank required.
- ❑ Standard Reach is 6" Long reach also available on request.



Features:

- ❑ This tool is used with chipping hammer to collapsed the tube stubs tubes & drive out from the tube sheet.
- ❑ Available in 01, 06 Shank.
- ❑ While Ordering specify the shank with O.D. of tube
- ❑ Standard Reach is 6" Long reach also available on request.

Tube O.D. inch	Model Number	MT Shank #
3/8	TWR-375	1
1/2	TWR-500	2
5/8	TWR-625	2
3/4	TWR-750	2
7/8	TWR-875	2
1	TWR-1000	3
1.1/4	TWR-1250	3
1.1/2	TWR-1500	3
1.3/4	TWR-1750	3
2	TWR-2000	3
2.1/2	TWR-2500	4
2.3/4	TWR-2750	4
3	TWR-3000	4
3.1/4	TWR-3250	4
3.1/2	TWR-3500	4
4	TWR-4000	4

Tube O.D. inch	Model Number
3/8	TKT-375
1/2	TKT-500
5/8	TKT-625
3/4	TKT-750
7/8	TKT-875
1	TKT-1000
1.1/4	TKT-1250
1.1/2	TKT-1500
1.3/4	TKT-1750
2	TKT-2000
2.1/2	TKT-2500
2.3/4	TKT-2750
3	TKT-3000
3.1/4	TKT-3250
3.1/2	TKT-3500
4	TKT-4000

Tube O.D. inch	Model Number
3/8	TCT-375
1/2	TCT-500
5/8	TCT-625
3/4	TCT-750
7/8	TCT-875
1	TCT-1000
1.1/4	TCT-1250
1.1/2	TCT-1500
1.3/4	TCT-1750
2	TCT-2000
2.1/2	TCT-2500

Chipping Hammer with safety retainer for use with Tube Drifts / Collapsing Tools.



MODEL TCH-1 - SPECIFICATION

Blows/min	Bore	Stroke	Weight
1600	1.1/8" (28.5mm)	3.1/4" (82.5mm)	16lbs (7.0kg)

PUSH TYPE INTERNAL TUBE CUTTER - TATP SERIES



Tools Bit



Features:

- ❑ Push type Internal Tube Cutter cuts the Ferrous or Non-Ferrous tubes of the Condensers, Heat-Exchangers.
- ❑ This internal tube cutter can be operated with Electric or Pneumatic drill machine.
- ❑ This tool is easy to operate. Insert the tool in the tube which is to be cut. Adjust the thrust collar as per the cutting length required then gradually press the Electric or Pneumatic drive which is attached to the tool. The cutting bit cuts the tube within few seconds.
- ❑ Cutting bit can be replace easily.
- ❑ Standard adjustment reach is 4". The tools are available in the increments of 2" upto 10".
- ❑ Every tool comes with the complete set of Pilots to cover the entire range of tube thickness for that particular tube O.D.

Tube O.D.	Tube Gauge (BWG)	Tube Cutter Model No. (Std. Reach)	Spare Cutting Bit Model No.
5/8"	14 - 22	TATP-625	TATP-625-SB
3/4"	14 - 22	TATP-750	TATP-750-SB
7/8"	14 - 22	TATP-875	TATP-875-SB
1"	12 - 22	TATP-1000	TATP-1000-SB
1.1/4"	12 - 22	TATP-1250	TATP-1250-SB
1.1/2"	12 - 22	TATP-1500	TATP-1500-SB

Note: When ordering Spare Cutting Bits, please specify whether ordering for Non Ferrous, Ferrous of Stainless Tubes. Cutter Bits for these 3 types of tubes are different. Please refer to operation manual for parts list and detailed features.

INTERNAL TUBE CUTTER - TB68 SERIES



Tools Bit

Features:

- ❑ TB-68 tube cutters are ideal for cutting thick walled boiler tubes of 2" O.D. and higher.
- ❑ The Internal Tube Cutter TB-68 is driven via the square in a clockwise direction using either an electric, pneumatic or hydraulic driving machine.
- ❑ TB-68 type tube cutters are available in standard reach of 4" (100mm). Additional reaches in increments of 4" are available up to 16" (400mm).

Size	Tool Model Number	Spare Bit Model Number	Tube I.D. Range		Max. Tube O.D.		Body Diameter		Drive Square Male
			mm	inch	mm	inch	mm	inch	
095	0680951	1680951	10 - 12	.394 - .472	15	.591	9.5	374	1/2"
105	0681051		11 - 13	.433 - .512	18	.709	10.5	413	
115	0681151		12 - 14	.472 - .551	19	.748	11.5	453	
125	0681251	1681251	13 - 15	.519 - .591	20	.787	12.5	492	
135	0681351		14 - 17	.551 - .669	23	.906	13.5	531	
155	0681551		16 - 19	.630 - .748	25	.984	15.5	610	
175	0681751	1681751	18 - 21	.709 - .827	27	1.063	17.5	689	
195	0681951	1681951	20 - 25	.787 - .984	34	1.339	19.5	768	
245	0682451	1682451	25 - 30	.984 - 1.181	38	1.496	24.5	965	
290	0682901	1682901	30 - 35	1.181 - 1.378	43	1.693	29	1.142	
330	0683301		35 - 40	1.378 - 1.575	48	1.890	33	1.299	
380	0683801		40 - 50	1.575 - 1.969	58	2.126	38	1.496	
480	0684801	1684801	50 - 60	1.969 - 2.362	68	2.677	48	1.890	3/4"
530	0685301		55 - 65	2.165 - 2.559	73	2.874	53	2.087	
630	0686301		65 - 75	2.559 - 2.953	83	3.268	63	2.480	
730	0687301	1687301	75 - 85	2.953 - 3.346	93	3.661	73	2.874	
830	0688301		85 - 95	3.346 - 3.740	103	4.055	83	3.268	
930	0689301		95 - 105	3.740 - 4.134	113	4.449	93	3.661	

ONE TURN CUTTER



Features:

- ❑ As per the name the tool cuts the Non-Ferrous & thin walled Ferrous tube in One Turn Only.
- ❑ This is a hand operated tool used with ratchet handle.
- ❑ The cutting bit of this tool is eccentric in position because of this while entering in the tube which is to be cut it is in closed position but as the tool rotates in clockwise direction by ratchet handle, it comes out & contact with the I.D. of the tube. As rotating is continued It pierces the tube wall & shears the tube along the circumference.
- ❑ This toll is fitted with adjustable collar to achive the required cutting length.
- ❑ Standard adjustment reach is 6". The tools are available in the increments of 2" Upto 12"

Tube O.D.		Gauge	Tube I.D. Range (mm)	Tool Model No.	Spare Tool Bit Model No.
Inch	mm				
5/8"	15.87	14	11.40 - 11.90	TOTC - 625 - 14	TOTC - 625 - TB
		15 - 16	12.00 - 12.90	TOTC - 625 - 16	
		17 - 18	12.70 - 13.50	TOTC - 625 - 18	
		19 - 20	13.50 - 14.21	TOTC - 625 - 20	
		22	14.00 - 14.70	TOTC - 625 - 22	
3/4"	19.05	14 - 15	14.70 - 15.50	TOTC - 750 - 14	TOTC - 750 - TB
		16	15.20 - 16.00	TOTC - 750 - 16	
		17 - 18	15.90 - 16.50	TOTC - 750 - 18	
		19 - 20	16.70 - 17.50	TOTC - 750 - 20	
7/8"	22.22	14 - 15	17.80 - 18.50	TOTC - 875 - 14	TOTC - 875 - TB
		16 - 17	18.80 - 19.50	TOTC - 875 - 16	
		18	19.30 - 20.00	TOTC - 875 - 18	
		19 - 20	19.80 - 20.60	TOTC - 875 - 20	
1"	25.4	14	20.80 - 21.60	TOTC - 1000 - 14	TOTC - 1000 - TB
		15	21.30 - 22.10	TOTC - 1000 - 15	
		16 - 17	22.10 - 22.60	TOTC - 1000 - 16	
		18 - 20	22.60 - 23.90	TOTC - 1000 - 18	
		22	23.90 - 24.60	TOTC - 1000 - 20	
1.1/4"	31.75	12	25.90 - 26.70	TOTC - 1250 - 12	TOTC - 1250 - TB
		13 - 14	26.70 - 27.40	TOTC - 1250 - 14	
		15 - 16	27.90 - 28.70	TOTC - 1250 - 16	
		17 - 19	28.70 - 29.60	TOTC - 1250 - 18	
1.1/2"	38.10	12 - 13	32.5 - 33.30	TOTC - 1500 - 12	TOTC - 1500 - TB
		14 - 15	33.80 - 34.50	TOTC - 1250 - 14	
		16 - 17	34.50 - 35.30	TOTC - 1250 - 16	
2"	50.80	12 - 13	45.00 - 46.00	TOTC - 2000 - 12	TOTC - 2000 - TB
		14 - 15	46.20 - 47.20	TOTC - 2000 - 14	
		16 - 17	47.20 - 48.20	TOTC - 2000 - 16	
		18 - 19	48.00 - 49.00	TOTC - 2000 - 18	
2.1/2"	63.50	12 - 13	57.60 - 58.60	TOTC - 2500 - 12	TOTC - 2500 - TB
		14 - 15	58.90 - 60.00	TOTC - 2500 - 14	
		16 - 17	60.00 - 61.00	TOTC - 2500 - 16	
		18 - 19	60.70 - 61.70	TOTC - 2500 - 18	

MANUAL TUBE PULLER



Features:

- ❑ No power required :- Manual Insertion of tool & easy removal of tube with hand wrench.
- ❑ Easy to use :- Hex at the Spear allows tightening without disassembly of tool.

O.D.		BWG	Tube Size		I.D.		Tube Puller Model Number	Spare Spear Model Number
mm	inch		Wall Thickness		mm	inch		
6.35	1/4	18	1.24	.049	0.38	.152	TMTP-25-18	TMPS-25-18
9.52	3/8	16	1.65	.065	6.22	.245	TMTP-38-16	TMPS-38-16
9.52	3/8	18	1.24	.049	7.04	.277	TMTP-38-18	TMPS-38-18
9.52	3/8	20	0.88	.035	7.75	.305	TMTP-38-20	TMPS-38-20
12.70	1/2	14	2.11	.083	8.48	.334	TMTP-50-14	TMPS-50-14
12.70	1/2	16	1.65	.065	9.40	.370	TMTP-50-16	TMPS-50-16
12.70	1/2	18	1.24	.049	10.21	.402	TMTP-50-18	TMPS-50-18
12.70	1/2	20	0.88	.035	10.92	.430	TMTP-50-20	TMPS-50-20
15.88	5/8	14	2.10	.083	11.66	.459	TMTP-63-14	TMPS-63-14
15.88	5/8	16	1.65	.065	12.57	.495	TMTP-63-16	TMPS-63-16
15.88	5/8	18	1.24	.049	13.39	.527	TMTP-63-18	TMPS-63-18
15.88	5/8	20	0.88	.035	14.10	.555	TMTP-63-20	TMPS-63-20
19.05	3/4	14	2.10	.083	14.86	.585	TMTP-75-14	TMPS-75-14
19.05	3/4	16	1.65	.065	15.75	.620	TMTP-75-16	TMPS-75-16
19.05	3/4	18	1.24	.049	16.56	.652	TMTP-75-18	TMPS-75-18
19.05	3/4	20	0.88	.035	17.27	.680	TMTP-75-20	TMPS-75-20
22.22	7/8	14	2.10	.083	18.01	.709	TMTP-87-14	TMPS-87-14
22.22	7/8	16	1.65	.065	18.92	.745	TMTP-87-16	TMPS-87-16
22.22	7/8	18	1.24	.049	19.74	.777	TMTP-87-18	TMPS-87-18
22.22	7/8	20	0.88	.035	20.45	.805	TMTP-87-20	TMPS-87-20
25.40	1	14	2.10	.083	21.18	.834	TMTP-100-14	TMPS-100-14
25.40	1	16	1.65	.065	22.10	.870	TMTP-100-16	TMPS-100-16
25.40	1	18	1.24	.049	22.91	.902	TMTP-100-18	TMPS-100-18
25.40	1	20	0.88	.035	23.62	.930	TMTP-100-20	TMPS-100-20

Note: For larger/other sizes, please enquiry.

TUBE PLUGS



ONE PIECE



TWO PIECE

- Tube plugs are designed for sealing off leaking or damaged tubes in heat exchangers, condensers, broilers etc. It ensures a uniform joint without damaging the tube sheet.

Tube O.D.		One Piece Tube Plug Model No.	Two Piece Tube Plug Model No.
mm	inch		
9.53	3/8	TLG-375-1	-
12.70	1/2	TLG-500-1	TLG-500-2
15.87	5/8	TLG-625-1	TLG-625-2
19.05	3/4	TLG-750-1	TLG-750-2
22.22	7/8	TLG-875-1	TLG-875-2
25.40	1	TLG-1000-1	TLG-1000-2
31.75	1.1/4	TLG-1250-1	TLG-1250-2
38.10	1.1/2	TLG-1500-1	TLG-1500-2

Note: Tube plugs are available in a variety of materials like carbon steel, brass, stainless steel, fibre etc. Specify material needed when ordering.