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2015



**TPCO**

Semi-Premium  
**TP-JC**

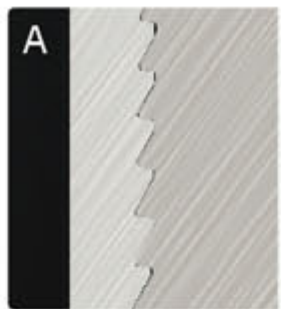
TP-CQ<sup>Series</sup> Premium Connection  
TP-G2<sup>Series</sup> Premium Connection  
TP-NF Premium Connection  
TP-FJ Premium Connection  
TP-BM Semi-Premium  
TP-QR Semi-Premium  
TP-TS Semi-Premium  
TP-JC Semi-Premium

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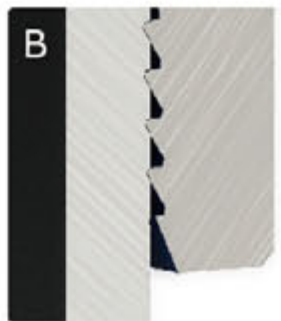
TP-JC | 2-3/8"~5-1/2"



- Zigzag thread structure
- Joint efficiency is 100% than pipe body strength
- Recommended replacement of EU tubing
- High productivity
- Field repair friendly
- Good performance, for Middle and Low-pressure Gas Well



Zigzag thread  
 Lead=8T.P.I  
 Taper=1:16



Thread cutting retract naturally

### Description

#### Tensile strength no less than pipe body yield strength

The thread profile with 3° on the load flank, which meets mechanical locking condition.  
 The thread critical section nearly equals to that of pipe body, thus the joint strength enhanced.

#### Excellent seal ability, gas sealing pressure equals to 100% internal yield stress

Thread designed with small clearance ( clearance between crest and root is 0.03mm ) minimizes the leakage path ( the clearance is 0.076mm for API round thread ).  
 Designed with optimized thread parameters and appropriate make-up torque, the distribution of contact stress between pin and box surface is reasonable, although the high pressure between pin and box but stress spreads to contacts averagely, it improves the leakage resistance ability.

#### No galling after repeated make-ups and break-outs

# TPCO



Imperial Unit

Size (OD)	Nominal weight	Wall thickness		Drift	Coupling OD	Make up loss	Coupling length	Pipe body section	Coupling CSS	Yield strength(1000lb.)							External pressure(psi)						Minimum internal yield pressure(psi)							
		lb./ft	inch							mm	inch	inch	inch	sq.in.	sq.in.	80ksi	90ksi	95ksi	100ksi	110ksi	125ksi	140ksi	80psi	90psi	95psi	100psi	110psi	125psi	140psi	80ksi
2-3/8 60.32	4.00	0.167	4.24	1.947	2.875	2.756	6.299	1.158	2.302	93	104	110	116	127	145	162	9980	10940	11410	11870	12740	13980	15110	9840	11070	11690	12310	13540	15380	17230
	4.60	0.190	4.83	1.901	2.875	2.756	6.299	1.304	2.302	104	117	124	130	143	163	183	11780	13250	13980	14720	16130	17900	19580	11200	12600	13300	14000	15400	17500	19600
	5.80	0.254	6.45	1.773	2.875	2.756	6.299	1.692	2.302	135	152	161	169	186	212	237	15280	17190	18150	19100	21010	23880	26740	14970	16840	17780	18720	20590	23390	26200
	6.60	0.295	7.49	1.691	2.875	2.756	6.299	1.928	2.302	154	174	183	193	212	241	270	17410	19580	20670	21760	23930	27200	30460	17390	19560	20650	21740	23910	27170	30430
	7.35	0.336	8.53	1.609	2.875	2.756	6.299	2.152	2.302	172	194	204	215	237	269	301	19430	21860	23080	24290	26720	30360	34010	19810	22280	23520	24760	27230	30950	34660
2-7/8 73.02	6.40	0.217	5.51	2.347	3.500	2.953	6.693	1.812	3.479	145	163	172	181	199	227	254	11170	12380	12940	13490	14550	16070	17490	10570	11890	12550	13210	14530	16510	18490
	7.80	0.276	7.01	2.229	3.500	2.953	6.693	2.254	3.479	180	203	214	225	248	282	316	13890	15620	16490	17360	19090	21700	24300	13440	15120	15960	16800	18480	21000	23520
	8.60	0.308	7.82	2.165	3.500	2.953	6.693	2.484	3.479	199	224	236	248	273	311	348	15300	17220	18170	19130	21040	23910	26780	15000	16870	17810	18750	20620	23430	26250
	9.35	0.340	8.64	2.101	3.500	2.953	6.693	2.708	3.479	217	244	257	271	298	339	379	16680	18770	19810	20860	22940	26070	29200	16560	18630	19660	20700	22770	25870	28970
	10.50	0.392	9.96	1.997	3.500	2.953	6.693	3.058	3.479	245	275	291	306	336	382	428	18840	21200	22370	23550	25910	29440	32970	19090	21470	22670	23860	26250	29830	33410
3-1/2 88.90	7.70	0.216	5.49	2.943	4.250	3.150	7.087	2.228	5.064	178	201	212	223	245	279	312	7870	8540	8850	9160	9730	10500	11140	8640	9720	10260	10800	11880	13500	15120
	9.20	0.254	6.45	2.867	4.250	3.150	7.087	2.590	5.064	207	233	246	259	285	324	363	10540	11570	12080	12580	13530	14890	16150	10160	11430	12070	12700	13970	15880	17780
	10.20	0.289	7.34	2.797	4.250	3.150	7.087	2.915	5.064	233	262	277	292	321	364	408	12120	13640	14390	15150	16670	18940	20770	11560	13010	13730	14450	15900	18060	20230
	12.70	0.375	9.52	2.625	4.250	3.150	7.087	3.682	5.064	295	331	350	368	405	460	515	15310	17220	18180	19130	21050	23920	26790	15000	16880	17810	18750	20630	23440	26250
	14.30	0.430	10.92	2.515	4.250	3.150	7.087	4.147	5.064	332	373	394	415	456	518	581	17240	19400	20480	21550	23710	26940	30170	17200	19350	20430	21500	23650	26880	30100
	15.50	0.476	12.09	2.423	4.250	3.150	7.087	4.522	5.064	362	407	430	452	497	565	633	18800	21150	22330	23500	25850	29380	32900	19040	21420	22610	23800	26180	29750	33320
4 168.28	9.50	0.226	5.74	3.423	4.750	3.346	7.480	2.680	5.805	214	241	255	268	295	335	375	6590	7080	7310	7520	7910	8390	8730	7910	8900	9390	9890	10880	12360	13840
	10.70	0.262	6.65	3.351	4.750	3.346	7.480	3.077	5.805	246	277	292	308	338	385	431	8800	9590	9980	10350	11060	12030	12890	9170	10320	10890	11460	12610	14330	16050
	13.20	0.330	8.38	3.215	4.750	3.346	7.480	3.805	5.805	304	342	361	381	419	476	533	12110	13620	14380	15140	16650	18910	20740	11550	12990	13720	14440	15880	18050	20210
	16.10	0.415	10.54	3.045	4.750	3.346	7.480	4.674	5.805	374	421	444	467	514	584	654	14880	16740	17670	18600	20460	23250	26040	14530	16340	17250	18160	19970	22700	25420
	18.90	0.500	12.70	2.875	4.750	3.346	7.480	5.498	5.805	440	495	522	550	605	687	770	17500	19690	20780	21880	24060	27340	30630	17500	19690	20780	21880	24060	27340	30630
	22.20	0.610	15.49	2.655	4.750	3.346	7.480	6.497	5.805	464	522	551	581	639	726	813	20680	23260	24560	25850	28430	32310	36190	21350	24020	25350	26690	29360	33360	37360
4-1/2 114.30	12.60	0.271	6.88	3.833	5.228	3.543	7.874	3.600	6.385	288	324	342	360	396	450	504	7500	8120	8410	8690	9210	9890	10450	8430	9490	10010	10540	11590	13170	14750
	15.20	0.337	8.56	3.701	5.228	3.543	7.874	4.407	6.385	353	397	419	441	485	551	617	11080	12220	12760	13300	14340	15830	17220	10480	11800	12450	13110	14420	16380	18350
	17.00	0.380	9.65	3.615	5.228	3.543	7.874	4.918	6.385	393	443	467	492	541	615	689	12370	13920	14690	15460	17010	19330	21630	11820	13300	14040	14780	16260	18470	20690
	18.90	0.430	10.92	3.515	5.228	3.543	7.874	5.498	6.385	440	495	522	550	605	687	770	13830	15560	16420	17280	19010	21610	24200	13380	15050	15890	16720	18390	20900	23410
	21.50	0.500	12.70	3.375	5.228	3.543	7.874	6.283	6.385	503	565	597	628	691	785	880	15800	17780	18770	19750	21730	24690	27650	15560	17500	18470	19440	21390	24310	27220
	23.70	0.560	14.22	3.255	5.228	3.543	7.874	6.932	6.385	511	575	607	639	702	798	894	17430	19610	20700	21790	23970	27240	30510	17420	19600	20690	21780	23960	27220	30490
26.10	0.630	16.00	3.115	5.228	3.543	7.874	7.660	6.385	511	575	607	639	702	798	894	19260	21670	22880	24080	26490	30100	33710	19600	22050	23280	24500	26950	30630	34300	

NOTE: The data is for reference only, subject to be changed without prior notice. If your required data is out of this table, please consulting with TPCO.