



## Flexible Pump Connectors

### Problems with your piping system?

*Excessive and dangerous vibration*

*Misalignment among piping elements*

These problems increase maintenance cost, create noisy systems and can damage building infrastructure.

### TCH flexible pump connectors can solve your problems.

TCH flexible pump connectors neutralize mechanical equipment vibration by isolating it at the connection. They also compensate for misalignment and motion and protect the investment made in major equipment by minimizing stress and early fatigue problems.

### TCH Pump Connector Advantages

- Compensate for misalignment and pressure variations
- Reduce pump vibration and harmonics
- Greater service life
- Eliminate pressure stress
- Increased temperature capacity
- Reduce maintenance costs

### Pump Connectors Selection

TCH flexible pump connectors are American manufactured from stainless steel and bronze hose surrounded with a heavy-duty woven wire braid. This combination provides a highly flexible connector with a longer service life.

#### Stock pump connector

Sizes: 1/4" I.D. through 16" I.D.

End fittings: Flanged, grooved, MPT, sweat and weld end

TCH also offers standard 3/4" offset and open overall length connectors.

#### Reducing pump connectors

Available in sizes 2" through 12". You can choose from a variety of standard connectors with multiple combinations of end fittings. We can also custom fabricate to your specifications.

#### Custom pump connectors

TCH can meet your exact specifications with our complete in-house fabrication shop. You get the hose type, length you need and end fittings to solve your specific problem.



SELECT AND SPECIFY THE PROPER PUMP CONNECTORS FOR YOUR JOB



## Flexible Pump Connectors



**Standard Connectors**



**3/4" Offset Connectors**



MODEL NUMBER	SIZE	WRK PSIG @70° F	LATERAL OFFSET
TCHS-025-MMT	1/4" X 6"	2240	1/16"
TCHS-038-MMT	3/8" X 6"	1100	1/16"
TCHS-050-MMT	1/2" X 6-1/2"	796	1/16"
TCHS-075-MMT	3/4" X 7"	597	1/16"
TCHS-100-MMT	1" X 8"	455	1/16"
TCHS-125-MMT	1-1/4" X 8-1/2"	441	1/16"
TCHS-150-MMT	1-1/2" X 9"	370	1/16"
TCHS-200-MMT	2" X 10-1/2"	370	1/16"
TCHS-250-MMT	2-1/2" X 12"	570	1/16"
TCHS-300-MMT	3" X 12"	450	1/16"
TCHS-400-MMT	4" X 12"	285	1/16"

MODEL NUMBER	SIZE	WRK PSIG @70° F	LATERAL OFFSET
TCHS-025-MMT-8	1/4" X 8"	2240	3/4"
TCHS-038-MMT-8.5	3/8" X 8-1/2"	1100	3/4"
TCHS-050-MMT-9.5	1/2" X 9-1/2"	796	3/4"
TCHS-075-MMT-9.5	3/4" X 9-1/2"	597	3/4"
TCHS-100-MMT-11	1" X 11"	455	3/4"
TCHS-125-MMT-13	1-1/4" X 13"	441	3/4"
TCHS-150-MMT-13.5	1-1/2" X 13-1/2"	370	3/4"
TCHS-200-MMT-16	2" X 16"	370	3/4"
TCHS-250-MMT-15	2-1/2" X 15"	570	3/4"
TCHS-300-MMT-16	3" X 16"	450	3/4"
TCHS-400-MMT-17	4" X 17"	285	3/4"

TCHS-150-FLG	1-1/2" X 9"	410	1/16"
TCHS-200-FLG	2" X 9"	450	1/16"
TCHS-250-FLG	2-1/2" X 9"	570	1/16"
TCHS-300-FLG	3" X 9"	450	1/16"
TCHS-400-FLG	4" X 9"	285	1/16"
TCHS-500-FLG	5" X 11"	210	1/16"
TCHS-600-FLG	6" X 11"	240	1/16"
TCHS-800-FLG	8" X 12"	217	1/16"
TCHS-1000-FLG	10" X 13"	165	1/16"
TCHS-1200-FLG	12" X 14"	155	1/16"
TCHS-1400-FLG	14" X 14"	125	1/16"
TCHS-1600-FLG	16" X 14"	110	1/16"

TCHS-150-FLG-12	1-1/2"x 12"	410	3/4"
TCHS-200-FLG-12	2" x 12"	450	3/4"
TCHS-250-FLG-12	2.5" x 12"	570	3/4"
TCHS-300-FLG-13	3" x 13"	450	3/4"
TCHS-400-FLG-14	4" x 14"	285	3/4"
TCHS-500-FLG-15	5" x 15"	210	3/4"
TCHS-600-FLG-16	6" x 16"	240	3/4"
TCHS-800-FLG-18	8" x 18"	217	3/4"
TCHS-1000-FLG-20	10" x 20"	165	3/4"
TCHS-1200-FLG-21	12" x 21"	155	3/4"
TCHS-1400-FLG-23	14" x 23"	125	3/4"
TCHS-1600-FLG-25	16" x 25"	110	3/4"

TCHS-200-GR	2" X 12"	450	3/8"
TCHS-250-GR	2-1/2" X 14"	390	3/8"
TCHS-300-GR	3" X 14"	250	3/8"
TCHS-400-GR	4" X 16"	210	1/2"
TCHS-500-GR	5" X 17"	210	1/2"
TCHS-600-GR	6" X 18"	165	1/2"
TCHS-800-GR	8" X 20"	220	1/2"
TCHS-1000-GR	10" X 24"	165	3/4"
TCHS-1200-GR	12" X 25"	155	3/4"

Call TCH for more 3/4" offset information.

MODEL NUMBER	SIZE	WRK PSIG @70° F	LATERAL OFFSET
TCHB-025-(FS,CH)	1/4" X 6"	1287	1/16"
TCHB-038-(FS,CH)	3/8" X 6"	464	1/16"
TCHB-050-(FS,CH)	1/2" X 6-1/2"	487	1/16"
TCHB-075-(FS,CH)	3/4" X 7"	572	1/16"
TCHB-100-(FS,CH)	1" X 8"	267	1/16"
TCHB-125-(FS,CH)	1-1/4" X 8-1/2"	243	1/16"
TCHB-150-(FS,CH)	1-1/2" X 9"	251	1/16"
TCHB-200-(FS,CH)	2" X 10-1/2"	167	1/16"
TCHB-250-(FS,CH)	2-1/2" X 12"	194	1/16"
TCHB-300-(FS,CH)	3" X 12"	166	1/16"
TCHB-400-(FS,CH)	4" X 12"	145	1/16"

MODEL NUMBER	SIZE	WRK PSIG @70° F	LATERAL OFFSET
TCHB-025-FFSC-8	1/4" X 8"	1287	3/4"
TCHB-038-FFSC-8.5	3/8" X 8-1/2"	464	3/4"
TCHB-050-FFSC-9.5	1/2" X 9-1/2"	487	3/4"
TCHB-075-FFSC-9.5	3/4" X 9-1/2"	572	3/4"
TCHB-100-FFSC-11	1" X 11"	267	3/4"
TCHB-125-FFSC-13	1-1/4" X 13"	243	3/4"
TCHB-150-FFSC-13.5	1-1/2" X 13-1/2"	251	3/4"
TCHB-200-FFSC-16	2" X 16"	167	3/4"
TCHB-250-FFSC-15	2-1/2" X 15"	194	3/4"
TCHB-300-FFSC-16	3" X 16"	166	3/4"
TCHB-400-FFSC-17	4" X 17"	145	3/4"