

I N T R O D U C I N G

Couplings for Natural Gas Compressors



FSH/HSB and GCF/GCH couplings can be modified for API671 compliance.

We regularly work with Torsional Analysts to tune couplings for satisfactory system response, by adding inertia or altering stiffness.

- High Torque, Low Speed Applications
- Torque Capacity up to 1,600,000 in. lbs.
- Special designs are not a problem

QR Codes

All couplings have labels with QR Codes for easy access to installation instructions.



Online selection tools for couplings and belted drives:

Form-Flex disc couplings:

<http://www.couplingselector.com/tbwoods/formflex.php>

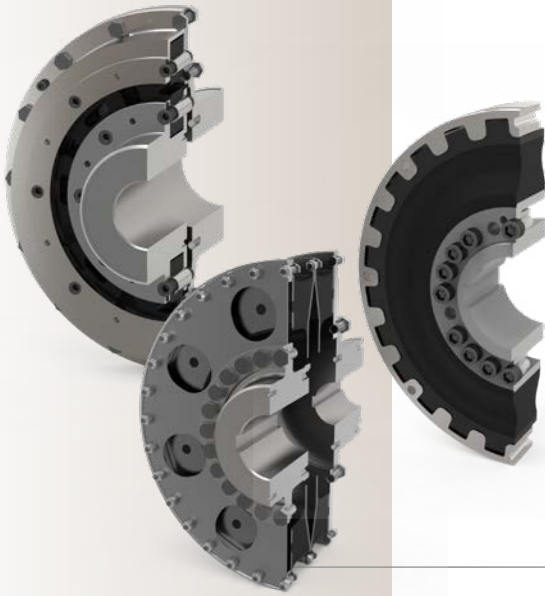
TB Wood's is a leader in couplings for gas compression applications, with multiple products to satisfy all of your power transmission needs.

FSH/HSB Couplings – the industry standard for over 50 years

GCF/GCH Couplings – new technology, released as an improvement to the traditional FSH/HSB ranges

GCF/GCH is an innovation of the traditional coupling series. It targets the typical driver power ranges with fewer couplings. Thus, reducing the number of spare parts required to support a compressor fleet by 50%.

Original Design					New Design				
FSH/HSB Size					GCF/GCH Size				
Size	Rating		OD		Size	Rating		OD	
	lbf-in	N-m	inch	mm		lbf-in	N-m	inch	mm
31	24,000	2,712	8.12	206.2	340	40,000	4,519	8.38	212.9
35	44,000	4,971	9.12	231.6					
42	73,000	8,248	11.00	279.4					
45	99,000	11,185	11.87	301.5					
50	128,000	14,462	13.43	341.1					
55	189,000	21,354	15.00	381.0	424	240,000	27,116	15.00	381.0
60	261,000	29,488	16.75	425.5					
70	415,000	46,887	18.93	480.8					
75	533,000	60,219	20.62	523.7	456	560,000	63,270	18.00	457.2
80	685,000	77,392	22.37	568.2					
85	829,000	93,662	23.75	603.3	511	1,100,000	124,280	22.00	558.8
92	1,040,000	117,501	25.75	654.1					



Highly Elastic Couplings for Natural Gas Compression

GE Heavy-Duty, Multi-Segmented Couplings TRI-R UNIVERSAL Couplings Periflex®-VN “PVN” PLUG IN Disc Couplings

Stromag GmbH couplings are designed for low to medium speed applications. These products support continuous loading, but are also engineered to handle alternating and vibratory loads that are common in natural gas compression applications.

- Standardized products available with short delivery times
- Specialists in customized solutions adapted to the torsional dynamics of the application
- In house TVA engineers
- ATEX compliant couplings
- In-house rubber composition and production capability
- Multi-coupling connection options, i.e. shaft-shaft, flange to shaft, flange to flange
- Extensive experience in the design and manufacture of highly flexible couplings
- Stromag's segmented rubber designs are available for quick installation or rapid element replacement to minimize downtime.
- Various stiffnesses and multi-row combinations of rubber are available to get the perfect fit for your application.
- Fail-safe functionality is available on specific models allowing for temporary emergency operation following a rubber failure.

