



Rotating Joints & Unions

- Flow direction: single-flow
- Thread rotation: right hand
- Number of passages: 1

Connect a stationary pipe to a rotating component to allow uninterrupted flow of fluid, air, or steam. Also referred to as swivel unions, they are used in a variety of applications with rotating equipment such as a leader hose attached to a hose reel.

Aluminum—Lighter weight than cast iron steel and stainless steel unions, while offering strength and corrosion resistance. Often used on large diameter pipe connections to avoid adding more weight to the assembly.

Stainless Steel—Resist corrosion and withstand high temperatures. Often used in harsh environments exposed to damp conditions such as industrial cleaning applications.



Nickel-Plated Brass Elbow 40F009



Nickel-Plated Brass Elbow 40E984



Nickel-Plated Brass Straight 45NF22



Nickel-Plated Brass Straight 40E972



Stainless Steel Straight 40E981

Internal Fitting Material	Rotating Shaft Thread	Stationary Port Thread	Stationary Port Connec. Type	Maximum Speed	Overall Length	Temp. Range	Seal Material	Body Diameter	Shaft Thread Length	Brand	Item No.
Aluminum Rotating Joints & Unions											
Aluminum Straight Fitting Material & Type											
Stainless Steel	3/8"-18 NPT	3/8 in 3.69 in	—	1500 RPM	3.94 in	-20 °F - 250 °F	Carbon Graphite	—	—	Deublin	801TK6
	3/8"-18 NPT	1 1/16 in 2.83 in	—	1500 RPM	3.94 in	-20 °F - 250 °F	Carbon Graphite	—	—	Deublin	801TL3
	3/4"-14 NPT	1/2 in 3.33 in	—	1500 RPM	4.56 in	-20 °F - 250 °F	Carbon Graphite	—	—	Deublin	801TK7
	3/4"-14 NPT	3/4 in 4.05 in	—	1500 RPM	5.13 in	-20 °F - 250 °F	Carbon Graphite	—	—	Deublin	801TK8
	3/4"-14 NPT	2 1/4 in 3.11 in	—	1500 RPM	4.44 in	-20 °F - 250 °F	Carbon Graphite	—	—	Deublin	801TL4
	1 1/2"-11.5 NPT	1 1/2 in 5.66 in	—	1500 RPM	4.25 in	-20 °F - 250 °F	Carbon Graphite	—	—	Deublin	801TL0
Steel	1"-11.5 NPT	1 in 4.61 in	—	1500 RPM	6.19 in	-20 °F - 250 °F	Carbon Graphite	—	—	Deublin	801TK9
	1"-14 NPT	2 1/8 in 3.66 in	—	1500 RPM	5 in	-20 °F - 250 °F	Carbon Graphite	—	—	Deublin	801TL5
	1 1/8"-27 NPT	1/2 in 2.32 in	—	1500 RPM	2.81 in	-20 °F - 250 °F	Carbon Graphite	—	—	Deublin	801TK4
	3/4"-18 NPT	3/4 in 2.46 in	—	1500 RPM	3.19 in	-20 °F - 250 °F	Carbon Graphite	—	—	Deublin	801TK5
	3/8"-24 NPT	1 1/8 in 2.06 in	—	1500 RPM	2.81 in	-20 °F - 250 °F	Carbon Graphite	—	—	Deublin	801TL1
	3/8"-18 NPT	1 3/8 in 2.1 in	—	1500 RPM	3.19 in	-20 °F - 250 °F	Carbon Graphite	—	—	Deublin	801TL2
Stainless Steel Rotating Joints & Unions											
Nickel-Plated Brass Elbow Fitting Material & Type											
Stainless Steel	1/4 in G M	1/4 in	FNPT	30 RPM	1.77 in	250 °F	Nitrile Rubber	1.77 in	2 1/64 in	Mosmatic	45NF40
	1/4 in NPTM	1/4 in	NPTF	30 RPM	1.77 in	200 °F	Nitrile Rubber	1.77 in	1 5/32 in	Mosmatic	45NF41
	1/4 in NPTM	1/4 in	NPTF	30 RPM	1.77 in	250 °F	Nitrile Rubber	1.89 in	2 5/64 in	Mosmatic	45NF47
	1/4 in G M	3/8 in	NPTF	30 RPM	1.77 in	250 °F	Nitrile Rubber	1.77 in	1 1/16 in	Mosmatic	40F001
	1/4 in NPTM	3/8 in	NPTF	30 RPM	1.77 in	200 °F	Nitrile Rubber	1.77 in	1 5/32 in	Mosmatic	45NF43
	3/8 in NPTM	1/4 in	NPTF	30 RPM	1.77 in	200 °F	Nitrile Rubber	1.77 in	1 5/32 in	Mosmatic	45NF42
	3/8 in G M	1/4 in	NPTF	2000 RPM	3.3 in	40 °F - 250 °F	Ceramic	1.4 in	1 5/32 in	Mosmatic	45NF39
	3/8 in	3/8 in	NPTF	30 RPM	1.77 in	200 °F	Nitrile Rubber	1.77 in	1 5/32 in	Mosmatic	40F002
	3/8 in NPTM	3/8 in	NPTF	30 RPM	1.77 in	200 °F	Nitrile Rubber	1.77 in	3/16 in	Mosmatic	40F005
	3/8 in	3/8 in	NPTF	30 RPM	1.77 in	250 °F	Nitrile Rubber	1.93 in	1 1/16 in	Mosmatic	45NF48
	3/8 in	3/8 in	NPTF	200 RPM	1.77 in	250 °F	Nitrile Rubber	1.77 in	3/16 in	Mosmatic	40E983
	3/8 in G M	3/8 in	NPTF	1000 RPM	2.75 in	250 °F	Nitrile Rubber	1.77 in	2 5/64 in	Mosmatic	40E974
1/2 in NPTF	1/2 in	NPTF	30 RPM	1.77 in	250 °F	Nitrile Rubber	1.77 in	1 5/32 in	Mosmatic	40F009	
1/2 in NPTM	1/2 in	NPTF	30 RPM	1.77 in	250 °F	Nitrile Rubber	1.77 in	1 5/32 in	Mosmatic	45NF59	
1/2 in NPTF	1/2 in	NPTF	30 RPM	1.77 in	250 °F	Nitrile Rubber	1.77 in	3/32 in	Mosmatic	45NF60	
1/2 in NPTM	1/2 in	NPTF	200 RPM	1.77 in	250 °F	Nitrile Rubber	1.77 in	1 5/32 in	Mosmatic	40E984	
1/2 in NPTF	1/2 in	NPTF	200 RPM	1.77 in	250 °F	Nitrile Rubber	1.77 in	1 5/32 in	Mosmatic	40E985	
Nickel-Plated Brass Straight Fitting Material & Type											
Stainless Steel	1/4 in NPTM	1/4 in	NPTF	30 RPM	2.32 in	250 °F	Nitrile Rubber	0.86 in	4 9/64 in	Mosmatic	40E986
	1/4 in NPTF	1/4 in	NPTM	30 RPM	2.6 in	250 °F	Nitrile Rubber	0.94 in	3/4 in	Mosmatic	40E994
	1/4 in NPTM	1/4 in	NPTM	30 RPM	2.4 in	250 °F	Nitrile Rubber	0.94 in	3/16 in	Mosmatic	45NF22
	1/4 in NPTF	1/4 in	NPTF	30 RPM	2.72 in	250 °F	Nitrile Rubber	0.94 in	3/4 in	Mosmatic	45NF24
	3/8 in NPTM	3/8 in	NPTF	30 RPM	2.76 in	250 °F	Nitrile Rubber	0.94 in	3/4 in	Mosmatic	45NF26
	3/8 in NPTM	1/2 in	NPTM	30 RPM	2.76 in	250 °F	Nitrile Rubber	1.06 in	1 5/32 in	Mosmatic	45NF28
	3/8 in NPTF	1/4 in	NPTF	30 RPM	2.32 in	250 °F	Nitrile Rubber	0.86 in	3/4 in	Mosmatic	40E987
	3/8 in NPTF	3/8 in	NPTM	30 RPM	2.75 in	250 °F	Nitrile Rubber	0.94 in	3/8 in	Mosmatic	40E996
	3/8 in NPTF	3/8 in	NPTF	30 RPM	2.87 in	250 °F	Nitrile Rubber	0.94 in	1/8 in	Mosmatic	40E998
	3/8 in NPTM	3/8 in	—	30 RPM	2.76 in	250 °F	Nitrile Rubber	0.94 in	3/16 in	Mosmatic	45NF21
	3/8 in NPTM	3/8 in	NPTM	30 RPM	2.48 in	250 °F	Nitrile Rubber	0.94 in	3/16 in	Mosmatic	45NF25
	3/8 in NPTF	3/8 in	NPTF	30 RPM	2.36 in	250 °F	Nitrile Rubber	0.98 in	3/4 in	Mosmatic	40E988
	3/8 in NPTF	3/8 in	NPTF	30 RPM	2.71 in	250 °F	Nitrile Rubber	0.98 in	3/8 in	Mosmatic	45NF19
	3/8 in G M	3/8 in	NPTF	1000 RPM	2.59 in	250 °F	Nitrile Rubber	0.98 in	1 5/32 in	Mosmatic	40E972
	3/8 in NPTM	3/8 in	NPTF	1000 RPM	2.59 in	250 °F	Nitrile Rubber	0.98 in	1 5/32 in	Mosmatic	45NF20
	3/8 in G M	3/8 in	NPTF	1000 RPM	2.59 in	250 °F	Nitrile Rubber	1.1 in	2 5/64 in	Mosmatic	40E973
	3/8 in NPTM	3/8 in	NPTF	1000 RPM	2.59 in	250 °F	Nitrile Rubber	1.34 in	1 5/32 in	Mosmatic	45NF30
	3/8 in G M	3/8 in	NPTF	1000 RPM	1.49 in	250 °F	Nitrile Rubber	2.36 in	2 5/64 in	Mosmatic	45NF35
	3/8 in G M	3/8 in	NPTF	2000 RPM	1.49 in	250 °F	Carbide	2.36 in	2 5/64 in	Mosmatic	40E979
	1/2 in NPTF	1/2 in	NPTM	30 RPM	3.03 in	250 °F	Nitrile Rubber	1.06 in	1 1/16 in	Mosmatic	40E997
	1/2 in NPTF	1/2 in	NPTF	30 RPM	3.58 in	250 °F	Nitrile Rubber	1.65 in	1 1/16 in	Mosmatic	40F008
	1/2 in NPTM	1/2 in	NPTF	30 RPM	3.58 in	250 °F	Nitrile Rubber	1.65 in	1 5/32 in	Mosmatic	45NF32
	1/2 in NPTF	3/8 in	NPTM	30 RPM	2.87 in	250 °F	Nitrile Rubber	1.06 in	1 1/16 in	Mosmatic	45NF27
	3/4 in NPTM	3/4 in	NPTF	30 RPM	3.46 in	250 °F	Nitrile Rubber	1.97 in	5/8 in	Mosmatic	45NF31
3/4 in NPTM	3/4 in	NPTF	30 RPM	4.09 in	250 °F	Nitrile Rubber	1.97 in	5/8 in	Mosmatic	40F007	
3/4 in JIC F	3/8 in	JIC M	30 RPM	2.71 in	250 °F	Nitrile Rubber	25.4 mm	1 in	Mosmatic	40E999	
1 in NPTF	1 in	NPTF	30 RPM	2.36 in	250 °F	Nitrile Rubber	2.36 in	1 3/32 in	Mosmatic	45NF34	
1 in NPTF	1 in	NPTF	30 RPM	4.55 in	250 °F	Nitrile Rubber	2.36 in	1 2 3/64 in	Mosmatic	45NF33	
1 1/4 in NPTM	1 1/4 in	NPTF	30 RPM	4.17 in	250 °F	Nitrile Rubber	2.36 in	5 1/64 in	Mosmatic	40F006	
Stainless Steel Straight Fitting Material & Type											
Stainless Steel	3/8 in G M	3/8 in	NPTF	2000 RPM	3.74 in	250 °F	Carbide	2.36 in	1 5/32 in	Mosmatic	40E980
	3/8 in	3/8 in	NPTF	2000 RPM	4.29 in	250 °F	Carbide	2.36 in	1 5/32 in	Mosmatic	40E981