



NPT NIPPLES - NYLON



NPT	Close
1/8"	M18
1/4"	M14
3/8"	M38
1/2"	M12
3/4"	M34
1"	M100
1 1/4"	M114
1 1/2"	M112
2"	M200

STANDARD NIPPLES - BRASS



Hex Nipple

NPT \ Length	Hex Nipple	Close	1 1/2"	2"	2 1/2"	3"	4"	6"
1/8"	HN18B	M18B						
1/4"	HN14B	M14B	M14X112B			M14X300B		
3/8"	HN38B	M38B				M38X300B		
1/2"	HN12B	M12B						
3/4"	HN34B	M34B		M34X200B	M34X212B	M34X300B	M34X400B	M34X600B
1"		M100B						
1 1/4"		M114B						
1 1/2"		M112B						
2"		M200B						

STANDARD NIPPLES - GALVANIZED



NPT \ Length	Close	1 1/2"	2"	2 1/2"	3"	3 1/2"	4" or 4 1/2"	5"	6"
1/8"		M18X112G			M18X300G				
1/4"	M14G	M14X112G	M14X200G	M14X212G	M14X300G		M14X400G		
3/8"	M38G	M38X112G	M38X200G		M38X300G		M38X412G		
1/2"	M12G	M12X112G	M12X200G		M12X300G		M12X400G		
3/4"	M34G		M34X200G	M34X212G	M34X300G	M34X312G	M34X400G	M34X500G	M34X600G
1"	M100G		M100X200G		M100X300G	M100X312G	M100X400G	M100X500G	M100X600G
1 1/4"	M114G				M114X300G	M114X312G	M114X400G	M114X500G	
1 1/2"	M112G				M112X300G		M112X400G		
2"	M200G			M200X212G	M200X300G			M200X500G	

STANDARD NIPPLES - STAINLESS STEEL



NPT \ Length	Close	1 1/2"	2" + 2 1/2"	3" + 3 1/2"	4"	5"	6"
1/4"	M1478SS	M14112SS					
3/8"	M38100SS						
1/2"	M12118SS	M12112SS		M12300SS	M12400SS		
3/4"	M34138SS		M34200SS	M34312SS		M34500SS	M34600SS
1"	M100112SS		M100200SS	M100300SS	M100400SS	M100500SS	
1 1/4"	M114158SS		M114200SS	M114300SS		M114500SS	M114600SS
1 1/2"	M112134SS		M112200SS	M112300SS	M112400SS		M112600SS
2"	M200200SS		M200212SS	M200300SS	M200400SS	M200600SS	



REDUCING NIPPLES-BRASS



NPT	1/4"	3/8"	1/2"
3/8"	RN3814B		
1/2"		RN1238B	
3/4"			RN3412B

REDUCING NIPPLES - NYLON



NPT	1/4"	3/8"	1/2"
3/8"	M3814		
1/2"		M1238	
3/4"		M3438	M3412

PLUGS



Male NPT	Nylon	Brass	Galvanized	Stainless Steel
1/8"	F18	F18B	F18G	SP18SS
1/4"	F14	F14B	F14G	SP14SS
3/8"	F38	F38B	F38G	SP38SS
1/2"	F12	F12B	F12G	SP12SS
3/4"	F34		F34G	SP34SS
1"	F100		F100G	SP100SS
1 1/4"	F114		F114G	SP114SS
1 1/2"	F112		F112G	
2"	F200		F200G	

ADAPTERS-BRASS-MALE NPT x FEMALE NPT



Female NPT \ Male NPT	1/8"	1/4"	3/8"	1/2"
1/8"	AD18FX18MB	RA1418B		
1/4"		RA1414B	RA3814B	
3/8"			AD38MX38FB	RA1238B
1/2"				AD12MX12FB

SHOP TALK

Physical Dimensions of Common Threads

Male Thread	Outside Diameter Inches	Threads Per Inch
1/8" NPT	.4	27
1/4" NPT	.5	18
3/8" NPT	.67	18
1/2" NPT	.84	14
3/4" NPT	1.05	14
3/4" GHT	1.06	11.5
1" NPT	1.31	11.5
1 1/4" NPT	1.66	11.5
1 1/2" NPT	1.9	11.5
2" NPT	2.37	11.5

Common Abbreviations

NPT	American Standard Taper Pipe Thread
MNPT	Male NPT Thread
FNPT	Female NPT Thread
GHT	Garden Hose Thread
PSI	Pounds Per Square Inch (Pressure)
O.D.	Outside Diameter
I.D.	Inside Diameter
NST	National Standard Thread

Male Thread	Outside Diameter Inches	Threads Per Inch
1" NST	1.375	8
1 1/2" NST	1.99	9
2 1/2" NST (Hydrant)	3.07	7.5



REDUCER BUSHINGS - NYLON



Female NPT \ Male NPT	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
1/8"	RB3818		RB3418				
1/4"	RB3814	RB1214	RB3414				
3/8"		RB1238	RB3438				
1/2"			RB3412	RB10012			
3/4"				RB10034	RB11434	RB11234	RB20034
1"					RB114100	RB112100	RB200100
1 1/4"						RB112114	RB200114
1 1/2"							RB200112

REDUCER BUSHINGS - BRASS



Female NPT \ Male NPT	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"
1/8"	RB1418B	RB3818B				
1/4"		RB3814B	RB1214B			
3/8"			RB1238B	RB3438B		
1/2"				RB1234B		
3/4"						RB10034B RB11434B

REDUCER BUSHINGS - GALVANIZED



Female NPT \ Male NPT	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
1/8"	RB1418G	RB3818G						
1/4"		RB3814G	RB1214G	RB3414G	RB10014G			
3/8"			RB1238G	RB3438G	RB10038G			
1/2"				RB3412G	RB10012G	RB11412G		
3/4"					RB10034G	RB11434G		
1"						RB114100G	RB112100G	RB200100G
1 1/4"							RB112114G	RB200114G
1 1/2"								RB200112G

REDUCER BUSHINGS - STAINLESS STEEL



Female NPT \ Male NPT	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
1/8"	RB1418SS			RB3418SS				
1/4"		RB3814SS	RB1214SS	RB3414SS	RB10014SS			
3/8"			RB1238SS	RB3438SS				
1/2"				RB3412SS	RB10012SS	RB11412SS		
3/4"					RB10034SS	RB11434SS		
1"						RB114100SS	RB112100SS	RB200100SS
1 1/4"							RB112114SS	RB200114SS
1 1/2"								RB200112SS

DOUBLE TAPPED REDUCER BUSHINGS FEMALE NPT THREADS BOTH SIDES OF BUSHING



Ideal for installing drop tubes in tanks.

Female NPT \ Male NPT	1"	1 1/4"	2"
1/2"	DTRB10012G		
3/4"			DTRB20034G
1"		DTRB114100G	DTRB200100G
1 1/4"			DTRB200114G
1 1/2"			DTRB200112G



ELBOW - 90° - FEMALE NPT x FEMALE NPT



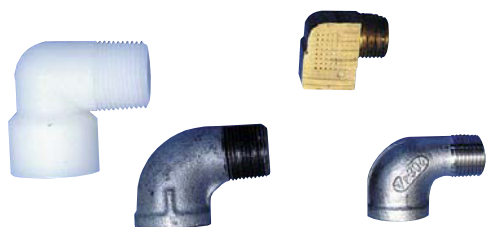
Female NPT	Nylon	Brass	Galvanized	Stainless Steel
1/8"		LL18B	LL18G	LL18SS
1/4"	LL14	LL14B	LL14G	LL14SS
3/8"	LL38	LL38B	LL38G	LL38SS
1/2"	LL12		LL12G	LL12SS
3/4"	LL34	LL34B	LL34G	LL34SS
1"	LL100		LL100G	LL100SS
1 1/4"	LL114	LL114B	LL114G	LL114SS
1 1/2"	LL112	LL112B	LL112G	LL112SS
2"	LL200		LL200G	LL200SS

ELBOW - 45° - FEMALE NPT x FEMALE NPT



Female NPT	Nylon	Galvanized	Stainless Steel
1/8"			LL1845SS
1/4"			LL1445SS
3/8"		LL3845G	LL3845SS
1/2"		LL1245G	LL1245SS
3/4"		LL3445G	LL3445SS
1"	LL10045	LL10045G	LL10045SS
1 1/4"	LL11445	LL11445G	LL11445SS
1 1/2"	LL11245	LL11245G	LL11245SS
2"		LL20045G	LL20045SS

STREET ELBOW - 90° - FEMALE NPT x MALE NPT



Female NPT	Nylon	Brass	Galvanized	Stainless Steel
1/8"		SE18B	SE18G	SE18SS
1/4"	SE14	SE14B	SE14G	SE14SS
3/8"		SE38B	SE38G	SE38SS
1/2"	SE12	SE12B	SE12G	SE12SS
3/4"	SE34	SE34B	SE34G	SE34SS
1"	SE100		SE100G	SE100SS
1 1/4"	SE114	SE114B	SE114G	SE114SS
1 1/2"	SE112	SE112B	SE112G	SE112SS
2"	SE200		SE200G	SE200SS

ELBOW - 90° - MALE NPT x MALE NPT

1/4" Male NPT Brass Only SEM14B



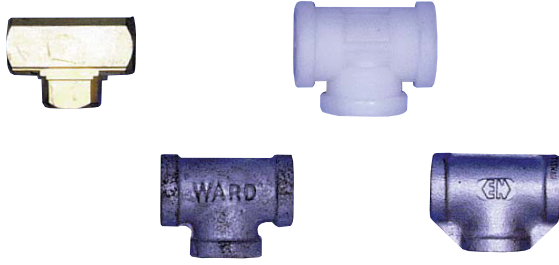
STREET ELBOW - 45° - FEMALE NPT x MALE NPT



Female NPT	Nylon	Brass	Galvanized
1/8"		SE1845B	
1/4"		SE1445B	SE1445G
3/8"		SE3845B	SE3845G
1/2"			SE1245G
3/4"	SE3445		SE3445G
1"			SE10045G
1 1/4"			SE11445G
1 1/2"			SE11245G
2"			SE20045G



TEES - FEMALE NPT



Female NPT	Nylon	Brass	Galvanized	Stainless Steel
1/8"			TT18G	
1/4"	TT14	TT14B	TT14G	
3/8"	TT38	TT38B	TT38G	
1/2"	TT12	TT12B	TT12G	TT12SS
3/4"	TT34	TT34B	TT34G	TT34SS
1"	TT100		TT100G	TT100SS
1 1/4"	TT114	TT114B	TT114G	TT114SS
1 1/2"	TT112		TT112G	TT112SS
2"	TT200		TT200G	TT200SS

REDUCING TEES

Item	Material	Size
TT100X14X100G	Tee	1" x 1/4" x 1"
TT100X34X100G	Tee	1" x 3/4" x 1"
TT112X34X112G	Tee	1 1/2" x 3/4" x 1 1/2"
TT114X100X114G	Tee	1 1/4" x 1" x 1 1/4"
TT12X14X12G	Tee	1/2" x 1/4" x 1/2"
TT34X12X34G	Tee	3/4" x 1/2" x 3/4"

Galvanized

Item	Material	Size
TT100X12X100B	Brass Tee	1" x 1/2" x 1"
TT100X34X100B	Brass Tee	1" x 3/4" x 1"
TT34X14X34B	Brass Tee	3/4" x 1/4" x 3/4"
TT34X38X34B	Brass Tee	3/4" x 3/8" x 3/4"

Brass

COMBINATION TEES - NYLON



R12

Item	Material	Size
R12	Nylon	1/2" Male NPT on 3 sides
T38X38X38	Nylon	3/8" Hose Barb x 3/8" Male NPT x 3/8" Hose Barb
T3412	Nylon	1/2" Hose Barb x 3/4" Male NPT x 1/2" Hose Barb

GAUGE TEES - NYLON



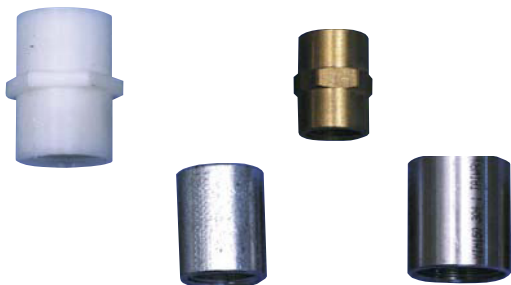
Item	Description	Size
GTT1214	4-Way Tee	1/2" x 1/2" x 1/2" x 1/4" Side
GTT3414	4-Way Tee	3/4" x 3/4" x 3/4" x 1/4" Side

Ideal for mounting pressure gauges on low pressure systems.





COUPLERS - FEMALE NPT



Female NPT	Nylon	Brass	Galvanized	Stainless Steel
1/8"		FC18B		FC18SS
1/4"	FC14	FC14B	FC12G	FC12SS
3/8"		FC38B	FC38G	FC38SS
1/2"	FC12	FC12B	FC12G	FC12SS
3/4"	FC34	FC34B	FC34G	FC34SS
1"	FC100		FC100G	FC100SS
1 1/4"	FC114		FC114G	FC114SS
1 1/2"	FC112		FC112G	FC112SS
2"	FC200		FC200G	FC200SS

REDUCER COUPLINGS-FEMALE NPT-BRASS/GALVANIZED



B=BRASS
G=GALVANIZED

	1/4"	3/8"	1/2"	3/4"	1"	1 1/2"
1/8"	R C1418B					
1/4"		RC3814B		RC3414G	RC10014G	
3/8"			RC1238B RC1238G	RC3438B		
1/2"				RC3412B RC3412G		
3/4"					RC10034G	
1"						RC112100G
1 1/4"						RC112114G

CROSSES - 4-WAY FEMALE NPT



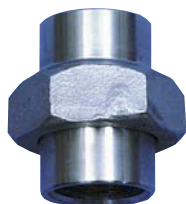
Female NPT	Galvanized	Brass
1/4"		CR14B
3/8"		CR38B
1/2"	CR12G	
3/4"	CR34G	CR34B
1"	CR100G	
1 1/4"	CR114G	
1 1/2"	CR112G	

CAPS - FEMALE NPT



Female NPT	Galvanized
1/4"	CP14G
3/8"	CP38G
1/2"	CP12G
3/4"	CP34G
1"	CP100G
1 1/4"	CP114G
2"	CP200G

UNIONS - FEMALE NPT



Female NPT	Galvanized	Stainless Steel
1/4"	UN14G	
3/8"	UN38G	
1/2"	UN12G	
3/4"		UN34SS
1"	UN100G	UN100SS
1 1/4"	UN114G	UN114SS
2"	UN200G	UN200SS