


# BRASS PIPE & HOSE BARB FITTINGS

## Pipe Fittings

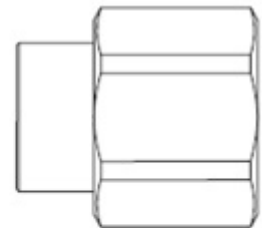
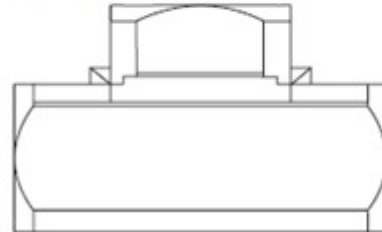
**Use:** For use with water, grease, fuels, LP and natural gas, refrigeration, instrumentation, and hydraulic systems in low and medium pressure pipe line connections. Use in combination with brass, copper, and iron pipe.

**Design Features:**

- Designed and manufactured to SAE (Society of Automotive Engineers) thread standards
- Also meets ASME and ASA requirements
- Available in a broad range of sizes
- 100% Compliant product available 

**Operating Specifications:**

**Temperature:** -65° - 250° F  
**Working Pressure:** 150 PSI maximum  
**Vibration:** Fair resistance to vibration and pipe movement depending on conditions



**Standard Product**

MATERIAL SPECIFICATIONS	
Machined Body	Brass
Forged Body	Brass

**Compliant Product**

MATERIAL SPECIFICATIONS	
Machined Body	Compliant brass
Forged Body	Compliant brass


**Listings & Certifications:**

- Compliant product CSA listed to Low Lead Content Certification Program – Plumbing Products Class 6853-01 

## Hose Barb Fittings

**Use:** For use with plastic or rubber tubing. Installation requires a hose clamp.

**Design Features:**

- Manufactured with dryseal pipe threads
- Available in a broad range of sizes, with swivel flare
- 100% Compliant product available 

**Operating Specifications:**

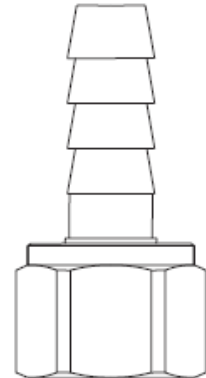
**Temperature:** -40° - 160° F  
**Working Pressure:** 150 PSI maximum

**Standard Product**


MATERIAL SPECIFICATIONS	
Fitting body	Brass
Nut (if applicable)	Brass

**Compliant Product**

MATERIAL SPECIFICATIONS	
Fitting body	Compliant brass
Nut (if applicable)	Brass



**Listings & Certifications:**

- Compliant product CSA listed to Low Lead Content Certification Program – Plumbing Products Class 6853-01 


# Product List

Hex Head Plug	71	Solid Plug	71SD	Countersink Plug	71C	Countersunk Plug	71CS
							
Adapter	72	Bushing	73	Socket	74	Reducing Socket	75
							
Nipple	76	Reducing Nipple	77	Street Elbow	78	Street Elbow 45°	78A
							
Female Elbow	79	Female Elbow 45°	79A	Reducing Female Elbow	79R	Female Tee	80
							
Male Branch Tee	80BT	Reducing Tee	80R	Street Tee	80ST	Hose Nipple	81
							
Female Swivel Hose Nipple	82	Ball Joint Adapter	82A	Female Hose Connector	82R	Hose Elbow	83
							


Hose Mender	84	Tee Hose Barb	86	Male Branch Tee Hose Barb	86M	Female Cross	87
							
Male Tee	88	Y Hose Barb	89	Female Y	89F	Cross Hose Barb	90
							
Male Cross	90M	Lock Nut	91	Male Elbow	92	Reducing Male Elbow	92R
							
Union Std (Fx F)	93	Union Std (Mx F)	93MF	Pipe Cap	97	Bulkhead Coupling	217
							



Da Zhi

Part Name	Part No.	Specifications
	<b>71</b>	1/8"
		1/4"
		3/8"
		1/2"
		3/4"
		1"
		1 1/4"
		1 1/2"
		*Male Thd is available in BSPT or NPT
<b>Solid Plug</b>		
	<b>71SD</b>	1/8"
		1/4"
		3/8"
		1/2"
		3/4"
*Male Thd is available in BSPT or NPT	1"	
<b>Countersink Plug</b>		
	<b>71C</b>	1/8"
		1/4"
		3/8"
		1/2"
*Male Thd is available in BSPT or NPT	3/4"	
<b>Countersunk Plug</b>		
	<b>71CS</b>	1/2"
		3/4"
		*Male Thd is available in BSPT or NPT

Part Name	Part No.	Specifications
<b>Adapter (F x M)</b>	<b>72</b>	1/8" F x 1/8" M
		1/4" F x 1/8" M
		1/4" F x 1/4" M
		3/8" F x 1/8" M
		3/8" F x 1/4" M
		3/8" F x 3/8" M
		1/2" F x 1/4" M
		1/2" F x 3/8" M
		1/2" F x 1/2" M
		3/4" F x 1/4" M
		3/4" F x 3/8" M
		3/4" F x 1/2" M
		3/4" F x 3/4" M
		1" F x 1/2" M
		1" F x 3/4" M
	*Thd is available in BSPT or NPT	





Da Zhou

Part Name	Part No.	Specifications
<b>Bushing (M x F)</b>	<b>73</b>	1/8''M x M5 F
		1/4''M x 1/8'' F
		3/8''M x 1/8'' F
		3/8''M x 1/4'' F
		1/2''M x 1/8'' F
		1/2''M x 1/4'' F
		1/2''M x 3/8'' F
		3/4''M x 1/8'' F
		3/4''M x 1/4'' F
		3/4''M x 3/8'' F
		3/4''M x 1/2'' F
		1''M x 1/4'' F
		1''M x 3/8'' F
		1''M x 1/2'' F
		1''M x 3/4'' F
		1 1/4''M x 1/2'' F
		1 1/4''M x 3/4'' F
		1 1/4''M x 1'' F
		1 1/2''M x 1/2'' F
		1 1/2''M x 3/4'' F
		1 1/2''M x 1'' F
		1 1/2''M x 1 1/4'' F
		2''M x 1/2'' F
		2''M x 3/4'' F
		2''M x 1'' F
		2''M x 1 1/4'' F
		2''M x 1 1/2'' F
*Thd is available in BSPT or NPT		3''M x 1 1/2'' F



Part Name	Part No.	Specifications		
<b>Socket</b> 	<b>74</b>	1/8"		
		1/4"		
		3/8"		
		1/2"		
		3/4"		
		1"		
		1 1/4"		
		1 1/2"		
		*Female Thd is available in BSPT or NPT		2"
		<hr/>		
<b>Reducing Socket</b> 	<b>75</b>	1/4" F x 1/8" F		
		3/8" F x 1/8" F		
		3/8" F x 1/4" F		
		1/2" F x 1/8" F		
		1/2" F x 1/4" F		
		1/2" F x 3/8" F		
		3/4" F x 1/4" F		
		3/4" F x 3/8" F		
		3/4" F x 1/2" F		
		1" F x 3/8" F		
		1" F x 1/2" F		
		1" F x 3/4" F		
		1 1/4" F x 1/2" F		
		1 1/4" F x 3/4" F		
		1 1/4" F x 1" F		
		1 1/2" F x 1" F		
		1 1/2" F x 1 1/4" F		
		2" F x 1" F		
		2" F x 1 1/4" F		
		*Female Thd is available in BSPT or NPT		2" F x 1 1/2" F

Part Name	Part No.	Specifications		
	76	1/8"		
		1/4"		
		3/8"		
		1/2"		
		3/4"		
		1"		
		1 1/4"		
		1 1/2"		
		*Male Thd is available in BSPT or NPT		2"
		<hr/>		
	77	1/4" M x 1/8" M		
		3/8" M x 1/8" M		
		3/8" M x 1/4" M		
		1/2" M x 1/8" M		
		1/2" M x 1/4" M		
		1/2" M x 3/8" M		
		3/4" M x 1/4" M		
		3/4" M x 3/8" M		
		3/4" M x 1/2" M		
		1" M x 1/4" M		
		1" M x 3/8" M		
		1" M x 1/2" M		
		1" M x 3/4" M		
		1 1/4" M x 1/2" M		
		1 1/4" M x 3/4" M		
		1 1/4" M x 1" M		
		1 1/2" M x 3/4" M		
		1 1/2" M x 1" M		
		1 1/2" M x 1 1/4" M		
		2" M x 1" M		
2" M x 1 1/4" M				
*Male Thd is available in BSPT or NPT		2" M x 1 1/2" M		





Part Name	Part No.	Specifications
<b>Street Elbow</b> 	<b>78</b>	1/8"
		1/4"
		3/8"
		1/2"
		3/4"
		1"
		1 1/4"
		1 1/2"
		*Thd is available in BSPT or NPT
<b>Street Elbow 45°</b>		
	<b>78A</b>	1/8"
		1/4"
		3/8"
		1/2"
		3/4"
*Thd is available in BSPT or NPT		
<b>Female Elbow</b>		
	<b>79</b>	1/8"
		1/4"
		3/8"
		1/2"
		3/4"
		1"
		1 1/4"
		1 1/2"
		*Female Thd is available in BSPT or NPT
<b>Female Elbow 45°</b>		
	<b>79A</b>	1/8"
		1/4"
		3/8"
		1/2"
*Female Thd is available in BSPT or NPT	3/4"	


Part Name	Part No.	Specifications		
	<b>79R</b>	1/4" F x 1/8" F		
		3/8" F x 1/4" F		
		1/2" F x 1/4" F		
		1/2" F x 3/8" F		
		3/4" F x 1/8" F		
		3/4" F x 1/4" F		
		3/4" F x 3/8" F		
		3/4" F x 1/2" F		
		1" F x 1/4" F		
		1" F x 3/8" F		
		1" F x 1/2" F		
		*Female Thd is available in BSPT or NPT		1" F x 3/4" F
		<hr/>		
<b>Female Tee</b>	<b>80</b>	1/8"		
		1/4"		
		3/8"		
		1/2"		
		3/4"		
		1"		
		1 1/4"		
		1 1/2"		
		*Female Thd is available in BSPT or NPT		2"
<hr/>				
<b>Male Branch Tee</b>	<b>80BT</b>	1/8"		
		1/4"		
		3/8"		
		*Thd is available in BSPT or NPT		



Part Name	Part No.	Specifications
	<b>80R</b>	1/4''F x 1/8'' F
		3/8''F x 1/8'' F
		3/8''F x 1/4'' F
		1/2''F x 1/4'' F
		1/2''F x 3/8'' F
		3/4''F x 1/4'' F
		3/4''F x 3/8'' F
		3/4''F x 1/2'' F
		1''F x 1/4'' F
		1''F x 3/8'' F
		1''F x 1/2'' F
		1''F x 3/4'' F
		1 1/4''F x 1/2'' F
		1 1/4''F x 3/4'' F
		1 1/4''F x 1'' F
		1 1/2''F x 3/4'' F
		1 1/2''F x 1'' F
		1 1/2''F x 1 1/4'' F
		2''F x 1'' F
		2''F x 1 1/4'' F
*Female Thd is available in BSPT or NPT		2''F x 1 1/2'' F
<b>Street Tee</b>	<b>80ST</b>	1/8''
		1/4''
		3/8''
		1/2''
		3/4''
*Thd is available in BSPT or NPT		






Part Name	Part No.	Specifications
<b>Hose Nipple</b>	<b>81</b>	1/8" ID x 1/8" M
		1/8" ID x 1/4" M
		3/16" ID x 1/8" M
		3/16" ID x 1/4" M
		1/4" ID x 1/8" M
		1/4" ID x 1/4" M
		1/4" ID x 3/8" M
		1/4" ID x 1/2" M
		1/4" ID x 3/4" M
		5/16" ID x 1/8" M
		5/16" ID x 1/4" M
		5/16" ID x 3/8" M
		5/16" ID x 1/2" M
		3/8" ID x 1/8" M
		3/8" ID x 1/4" M
		3/8" ID x 3/8" M
		3/8" ID x 1/2" M
		3/8" ID x 3/4" M
		1/2" ID x 1/8" M
		1/2" ID x 1/4" M
		1/2" ID x 3/8" M
		1/2" ID x 1/2" M
		1/2" ID x 3/4" M
		1/2" ID x 1" M
		5/8" ID x 1/4" M
		5/8" ID x 3/8" M
		5/8" ID x 1/2" M
		5/8" ID x 3/4" M
		5/8" ID x 1" M
		3/4" ID x 3/8" M
		3/4" ID x 1/2" M
		3/4" ID x 3/4" M
3/4" ID x 1" M		
1" ID x 1/2" M		
1" ID x 3/4" M		



<b>*Continue next page*</b>		1''ID x 1'' M
<b>Part Name</b>	<b>Part No.</b>	<b>Specifications</b>
		1 1/4''ID x 1'' M
		1 1/4''ID x 1 1/4'' M
		1 1/4''ID x 1 1/2'' M
*Male Thd is available in BSPT or NPT		2''ID x 2'' M
<b>Female Swivel Hose Nipple</b>	<b>82</b>	1/4''ID x 1/8'' F
		1/4''ID x 1/4'' F
		1/4''ID x 3/8'' F
		5/16''ID x 1/4'' F
		5/16''ID x 3/8'' F
		3/8''ID x 1/4'' F
		3/8''ID x 3/8'' F
		3/8''ID x 1/2'' F
		1/2''ID x 3/8'' F
		1/2''ID x 1/2'' F
	*Male Thd is available in BSPT or NPT	
<b>Ball Joint Adapter</b>	<b>82A</b>	1/4'' ball x 1/8'' MNPT
		1/4'' ball x 1/4'' MNPT
		3/8'' ball x 1/4'' MNPT
		3/8'' ball x 3/8'' MNPT
		1/2'' ball x 3/8'' MNPT
		1/2'' ball x 1/2'' MNPT

Part Name	Part No.	Specifications	
<b>F. Hose Nipple</b>	<b>82R</b>	1/8" ID x 1/8" F	
		1/8" ID x 1/4" F	
		3/16" ID x 1/8" F	
		3/16" ID x 1/4" F	
		1/4" ID x 1/8" F	
		1/4" ID x 1/4" F	
		1/4" ID x 3/8" F	
		5/16" ID x 1/8" F	
		5/16" ID x 1/4" F	
		5/16" ID x 3/8" F	
		5/16" ID x 1/2" F	
		3/8" ID x 1/8" F	
		3/8" ID x 1/4" F	
		3/8" ID x 3/8" F	
		3/8" ID x 1/2" F	
		1/2" ID x 1/4" F	
		1/2" ID x 3/8" F	
		1/2" ID x 1/2" F	
		5/8" ID x 3/8" F	
	*Female Thd is available in BSPT or NPT		5/8" ID x 1/2" F



Part Name	Part No.	Specifications
	<b>83</b>	3/16''ID x 1/8'' M
		1/4''ID x 1/8'' M
		1/4''ID x 1/4'' M
		5/16''ID x 1/8'' M
		5/16''ID x 1/4'' M
		5/16''ID x 3/8'' M
		3/8''ID x 1/8'' M
		3/8''ID x 1/4'' M
		3/8''ID x 3/8'' M
		3/8''ID x 1/2'' M
		1/2''ID x 1/4'' M
		1/2''ID x 3/8'' M
		1/2''ID x 1/2'' M
		5/8''ID x 3/8'' M
		5/8''ID x 1/2'' M
		1/2''ID x 1/4'' M
		1/2''ID x 3/8'' M
		1/2''ID x 1/2'' M
		5/8''ID x 3/8'' M
		5/8''ID x 3/8'' M
*Male Thd is available in BSPT or NPT		3/4''ID x 1/2'' M
<b>Hose Mender</b>		
	<b>84</b>	1/8''
		3/16''
		1/4''
		5/16''
		3/8''
		1/2''
		5/8''
		3/4''

Part Name	Part No.	Specifications
<b>Tee Hose Barb</b> 	<b>86</b>	1/8"
		3/16"
		1/4"
		5/16"
		3/8"
		1/2"
		5/8"
<b>Male Branch Tee Hose Barb</b>	<b>86M</b>	1/4" ID x 1/4" M
		3/8" ID x 1/4" M
		*Male Thd is available in BSPT or NPT
<b>Female Cross</b> 	<b>87</b>	1/8"
		1/4"
		3/8"
		1/2"
		3/4"
		1"
		1 1/4"
		1 1/2"
		*Female Thd is available in BSPT or NPT
<b>Male Tee</b> 	<b>88</b>	1/8"
		1/4"
		3/8"
		1/2" BSPP
		*Male Thd is available in BSPT or NPT except for 1/2"
<b>Y Hose Barb</b> 	<b>89</b>	3/16"
		1/4"
		5/16"
		3/8"
		1/2"



Part Name	Part No.	Specifications	
<b>Female Y</b>	<b>89F</b>	1/8" BSPT	
			
<b>Cross Hose Barb</b>	<b>90</b>	1/4"	
		5/16"	
		3/8"	
		1/2"	
<b>Male Cross</b>	<b>90M</b>	1/4"	
		3/8"	
		*Male Thd is available in BSPT or NPT	
<b>Lock Nut</b>	<b>91</b>	1/8"	
		1/4"	
		3/8"	
		1/2"	
		3/4"	
		1"	
		1 1/4"	
		1 1/2"	
		*Female Thd is available in BSPT or NPT	2"
<b>Male Elbow</b>	<b>92</b>	1/8"	
		1/4"	
		3/8"	
		1/2"	
		*Male Thd is available in BSPT or NPT	

Part Name	Part No.	Specifications
<b>Reducing Male Elbow</b> 	<b>92R</b>	1/4'' M x 1/8'' M
		3/8'' M x 1/8'' M
		3/8'' M x 1/4'' M
		1/2'' M x 1/4'' M
		1/2'' M x 3/8'' M
		*Male Thd is available in BSPT or NPT
<b>Union Std (FxF)</b>		
	<b>93</b>	1/8''
		1/4''
		3/8''
		1/2''
		3/4''
		1''
		1 1/4''
		1 1/2''
*Female Thd is available in BSPT or NPT		2''
<b>Union Std (MxF)</b>		
	<b>93MF</b>	3/4''
		*Thd is available in BSPT or NPT
<b>Pipe Cap</b>		
	<b>97</b>	1/8''
		1/4''
		3/8''
		1/2''
		3/4''
		1''
		1 1/4''
		1 1/2''
*Male Thd is available in BSPT or NPT		2''

Part Name	Part No.	Specifications
<b>Bulkhead Coupling</b> 	<b>217</b>	1/8"
		1/4"
		3/8"
		1/2"
		*Thd is available in BSPT only
<b>Barrel Nipple</b> 	<b>105</b>	1/8" x (Close/ 1 1/2" / 2" / 2 1/2"/3"/4"/5"/6" lgth)
		1/4" x (Close/ 1 1/2" / 2" / 2 1/2"/3"/4"/5"/6" lgth)
		3/8" x (Close/ 1 1/2" / 2" / 2 1/2"/3"/4"/5"/6" lgth)
		1/2" x (Close/ 1 1/2" / 2" / 2 1/2"/3"/4"/5"/6" lgth)
		3/4" x (Close/ 2" / 3"/4"/5"/6" lgth)
		1" x (Close/ 2" / 3"/4"/5"/6" lgth)
		1" x (Close/ 2" / 3"/4"/5"/6" lgth)

Da Zhou Trade