

# One-Touch Couplings

# Compact Air Fittings

Tubes, One-Touch Couplings, Speed Controllers

**Cross Unions**

**USCRS**

Material: PBT (Polybutylene Terephthalate)

Part Number Type	D	L	C	E	N	Mass (g)	Unit Price 1-9 pc(s).	Volume Discount Rate 10-50
USCRS 8	23.6	13.6	3.2	17	14.5			
USCRS 10	25	16.3	4.2	20	20.5			
USCRS 12	32.2	19.7	4.2	24	38			

For orders larger than indicated quantity, please check with WOS.

**Reducers**

**USRDS**

Material: PBT (Polybutylene Terephthalate)

Part Number Type	D1	D2	A	C	Effective Sectional Area (mm <sup>2</sup> )	Mass (g)	Unit Price 1-9 pc(s).	Volume Discount Rate 10-50
USRDS 4	6	36.1	9		3.2	2		
	8	36.9	9			2		
USRDS 6	8	39.5	11.2		11.0	3		
	10	40.3	11.2			3.5		
USRDS 8	10	45.6	13.6		25.2	4.5		
	12	46.6	13.6			5.5		
USRDS 10	12	46.6	16.3		38.7	6.5		

For orders larger than indicated quantity, please check with WOS.

**Nipples**

**MSPJ**

Material: PBT (Polybutylene Terephthalate)

Part Number Type	D	A	B	Effective Sectional Area (mm <sup>2</sup> )	Mass (g)	Unit Price 1-9 pc(s).	Volume Discount Rate 10-50
MSPJ 4	37.5	16		3.2	2		
MSPJ 6	39.5	17		12.6	3		
MSPJ 8	43.2	18.5		19.6	4		
MSPJ 10	47	21		31.2	6		
MSPJ 12	52.8	22.5		50.2	8		

For orders larger than indicated quantity, please check with WOS.

**Unequal DIA. Connection Plugs**

**BSLDS**

Material: PBT (Polybutylene Terephthalate)

Part Number Type	D1	D2	A	B1	B2	Effective Sectional Area (mm <sup>2</sup> )	Mass (g)	Unit Price 1-9 pc(s).	Volume Discount Rate 10-50
BSLDS 4	6	38.3	16	17		3.2	3		
	8	41.2	17	18.5		12.6	3		
BSLDS 8	10	45	18.5	21		18.8	5		
	12	49.8	21	22.5		31.2	8		

For orders larger than indicated quantity, please check with WOS.

**Double Y-Shaped**

**DSNYL**

Material: PBT (Polybutylene Terephthalate)

Part Number Type	D1	D2	A	B	C1	C2	P	Unit Price 1-9 pc(s).	Volume Discount Rate 10-30
DSNYL 4	6	18.2	32.5	9	11.2	9.2			
	8	22.6	36.6	11.2	13.6	11.4			

For orders larger than indicated quantity, please check with WOS.

**R (PT) Double Y-Shaped**

**DSLYL** Thread: C3604 (Brass)  
Electroless Nickel Plating

Material: PBT (Polybutylene Terephthalate)

Part Number Type	D1	Nominal Dia.	A	B	C	Wrench Flats H	P	Thread	Unit Price 1-9 pc(s).	Volume Discount Rate 10-30
DSLYL 4	1	18.2	41.5	9	11	9.2		R1/8		
	2	18.2	44.5	9	14	9.2		R1/4		
DSLYL 6	1	22.6	45	11.2	13	11.4		R1/8		

For orders larger than indicated quantity, please check with WOS.

Ordering Example: Part Number USCRS8

Specifications

Applicable Fluid: Air

Operating Temperature Range: 0-60°C

Max. Operating Pressure: 0.9MPa

Operating Vacuum Level: -100kPa

\* No Freezing

**3x1**

**DUNL**

Material: PBT (Polybutylene Terephthalate)

Part Number Type	D1	D2	A	B	C1	C2	P	F	X	Y	Unit Price 1-9 pc(s).	Volume Discount Rate 10-30
DUNL 4	6	18.5	64	10	12.5	10.5	13.5	39	10.5			
	8	19.5	66	10	14.5	10.5	15.5	39	11.5			
DUNL 6	8	21	73	12.5	14.5	13	15.5	46.5	11.5			
	10	22	78.5	12.5	17.5	13	18.5	46.5	13			
DUNL 8	10	23.5	84.5	14.5	17.5	15	18.5	52.5	13			

For orders larger than indicated quantity, please check with WOS.

Part Number Type	D1	D2	A	B	B1	B2	C1	C2	P	F1	F2	X	Y	Unit Price 1-9 pc(s).	Volume Discount Rate 10-30
DUNLW 4	8	19.5	66	19.5	29.5	10	14.5	10.5	10	17.5	38	10.5			
DUNLW 6	10	22	78.5	22	32	12.5	17.5	13	10	19.5	45	12			
DUNLW 8	12	24.5	87	24.5	36	14.5	20	15	11.5	22	51	13			

For orders larger than indicated quantity, please check with WOS.

Ordering Example: Part Number DUNLW4 - 8

Specifications

Applicable Fluid: Air

Operating Temperature Range: -15-60°C

Max. Operating Pressure: 1MPa

Operating Vacuum Level: -100kPa

\* No Freezing

**3x2**

**DUNLW**

Material: PBT (Polybutylene Terephthalate)

**Tubes**

Material: Polyurethane

Part Number Type	O.D. (mm)	Length (m)	Tube Color	I.D. (mm)	Min. Bending Radius (mm)	O.D. Accuracy (mm)	Max. Operating Pressure (MPa)	Mass (kg / m)	Unit Price 1-4 pc(s).	Volume Discount Rate 5-10
MPUT	1.8	5	B (Black) C (Transparent) W (White)	1.2	4	±0.1	0.8	0.0017		
		10								

Ordering Example: Part Number Length Color  
MPUT1.8 - 10 - B

**Male Connectors**

**JCNL** Thread: C3604 (Brass)

Material: Polypropylene

Part Number Type	D	Nominal	A	Wrench Flats H	Thread Size MxPitch	Effective Sectional Area (mm <sup>2</sup> )	Mass (g)	Unit Price 1-4 pc(s).	Volume Discount Rate 5-10
JCNL 1.8	1	M3	10.7	5.5	M3x0.5	0.92	3.9		
		M5	10.4	7	M5x0.8	0.92	4.6		
		1	14.4	10	R1/8	0.97	5.9		

**Male Elbows**

**JELL** Thread: C3604 (Brass)

Material: Polypropylene

Part Number Type	D	Nominal	A	B	C	Wrench Flats H	Thread Size MxPitch	Effective Sectional Area (mm <sup>2</sup> )	Mass (g)	Unit Price 1-4 pc(s).	Volume Discount Rate 5-10
JELL 1.8	1	M3	8.5	11	6	5.5	M3x0.5	0.83	4.0		
		M5	8.5	11.5	6	7	M5x0.8	0.83	4.8		
		1	8.5	15	6	10	R1/8	0.7	8.6		

**Bulkhead Unions**

**JBUL** Thread: C3604 (Brass)

Material: Polypropylene

Part Number Type	D	A	Wrench Flats H	Thread Size MxPitch	C(max)	Effective Sectional Area (mm <sup>2</sup> )	Mass (g)	Unit Price 1-4 pc(s).	Volume Discount Rate 5-10
JBUL 1.8	17	10	M8x1	4	0.85	5.3			

**Union Tees**

**JTEL** Thread: C3604 (Brass)

Material: Polypropylene

Part Number Type	D	A	C	E	Effective Sectional Area (mm <sup>2</sup> )	Mass (g)	Unit Price 1-4 pc(s).	Volume Discount Rate 5-10
JTEL 1.8	8.7	7.3	3.2		0.9	3.9		

**Reducers**

**JRDS** Thread: C3604 (Brass)

Material: Polypropylene

Part Number Type	D1	D2	A	C	L	Effective Sectional Area (mm <sup>2</sup> )	Mass (g)	Unit Price 1-4 pc(s).	Volume Discount Rate 5-10
JRDS 1.8	4	25.6	6	9.6		0.97	0.5		

Specifications

One-Touch Couplings

Applicable Fluid: Air

Operating Temperature Range: -10-60°C

Operating Pressure Range: -100kPa-0.8MPa

\* No Freezing

**Flow Rate Controllers**

**JNL** Thread: C3604 (Brass)

Material: PBT (Polybutylene Terephthalate)

Part Number Type	D	Nominal	A	B	C1	C2	E	Wrench Flats H	Thread Size MxPitch	Mass (g)	Unit Price 1-4 pc(s).	Volume Discount Rate 5-10
JNL 1.8	1	M3	15.3	11.4	25.1	27.6	7.5	7	M3x0.5	6.1		
		M5	15.5	12.4	27.2	30.2	7.5	8	M5x0.8	9.4		

Specifications

Flow Rate Controllers

Applicable Fluid: Air

Operating Temperature Range: 5-60°C (No Freezing)

Max. Operating Pressure: 1.0 MPa

Min. Operating Pressure: 0.05 MPa

