



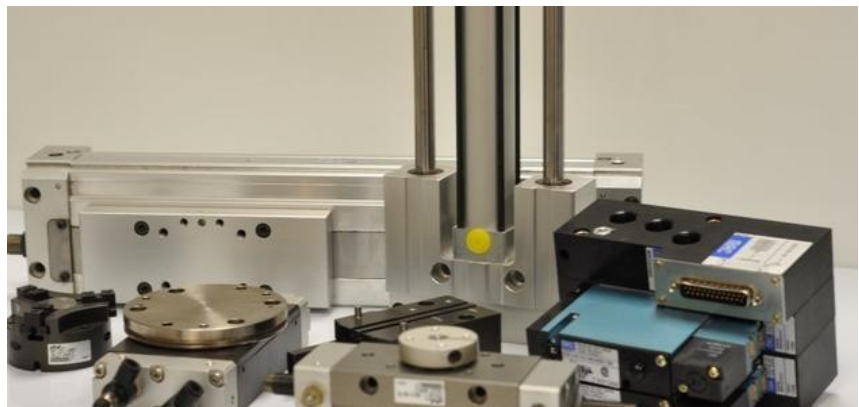
**PNEUMATIC AUTOMATION,  
MOTION & ELECTRICAL  
CONTROL PRODUCT  
GUIDE**



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2010

Version 3.0



Pneumatic Accessories

## Fittings



## Tubing




## Flow Controls





## Accessories





Male Connector				
	Part Number	Tube O.D.	Thread NPT	Price
	✓ <sub>IN</sub> 6512-02-32	1/8"	10-32	\$1.91
	✓ <sub>IN</sub> 6512-53-32	5/32"	10-32	\$1.93
	✓ <sub>IN</sub> 6512-04-32	1/4"	10-32	\$2.31
	✓ <sub>IN</sub> P6510-02-02	1/8"	1/8"	\$1.84
	✓ <sub>IN</sub> P6510-53-02	5/32"	1/8"	\$1.75
	✓ <sub>IN</sub> P6510-53-04	5/32"	1/4"	\$2.39
	✓ <sub>IN</sub> P6510-04-02	1/4"	1/8"	\$2.21
	✓ <sub>IN</sub> P6510-04-04	1/4"	1/4"	\$2.14
	✓ <sub>IN</sub> P6510-04-06	1/4"	3/8"	\$2.44
	✓ <sub>IN</sub> P6510-05-02	5/16"	1/8"	\$2.66
	✓ <sub>IN</sub> P6510-05-04	5/16"	1/4"	\$2.75
	✓ <sub>IN</sub> P6510-06-02	3/8"	1/8"	\$2.97
	✓ <sub>IN</sub> P6510-06-04	3/8"	1/4"	\$3.23
	✓ <sub>IN</sub> P6510-06-06	3/8"	3/8"	\$3.23
	✓ <sub>IN</sub> P6510-06-08	3/8"	1/2"	\$4.93
	✓ <sub>IN</sub> P6510-08-04	1/2"	1/4"	\$5.42
	✓ <sub>IN</sub> P6510-08-06	1/2"	3/8"	\$5.42
	✓ <sub>IN</sub> P6510-08-08	1/2"	1/2"	\$6.24


Swivel Male Elbow				
	Part Number	Tube O.D.	Thread NPT	Price
	✓ <sub>IN</sub> 6522-02-32	1/8"	10-32	\$3.85
	✓ <sub>IN</sub> 6522-53-32	5/32"	10-32	\$3.30
	✓ <sub>IN</sub> 6522-04-32	1/4"	10-32	\$3.46
	✓ <sub>IN</sub> P6520-02-02	1/8"	1/8"	\$2.72
	✓ <sub>IN</sub> P6520-53-02	5/32"	1/8"	\$2.66
	✓ <sub>IN</sub> P6520-53-04	5/32"	1/4"	\$3.31
	✓ <sub>IN</sub> P6520-04-02	1/4"	1/8"	\$3.06
	✓ <sub>IN</sub> P6520-04-04	1/4"	1/4"	\$3.44
	✓ <sub>IN</sub> P6520-04-06	1/4"	3/8"	\$4.70
	✓ <sub>IN</sub> P6520-05-02	5/16"	1/8"	\$3.47
	✓ <sub>IN</sub> P6520-05-04	5/16"	1/4"	\$3.85
	✓ <sub>IN</sub> P6520-06-02	3/8"	1/8"	\$4.67
	✓ <sub>IN</sub> P6520-06-04	3/8"	1/4"	\$4.83
	✓ <sub>IN</sub> P6520-06-06	3/8"	3/8"	\$5.21
	✓ <sub>IN</sub> P6520-06-08	3/8"	1/2"	\$6.66
	✓ <sub>IN</sub> P6520-08-04	1/2"	1/4"	\$6.13
	✓ <sub>IN</sub> P6520-08-06	1/2"	3/8"	\$6.49
	✓ <sub>IN</sub> P6520-08-08	1/2"	1/2"	\$7.20


Union Tee			
	Part Number	Tube O.D.	Price
	✓ <sub>IN</sub> 6540-02-00	1/8"	\$3.82
	✓ <sub>IN</sub> 6540-53-00	5/32"	\$3.82
	✓ <sub>IN</sub> 6540-04-00	1/4"	\$4.23
	✓ <sub>IN</sub> 6540-05-00	5/16"	\$4.68
	✓ <sub>IN</sub> 6540-06-00	3/8"	\$6.15
	✓ <sub>IN</sub> 6540-08-00	1/2"	\$8.52


Union "Y"			
	Part Number	Tube O.D.	Price
	✓ <sub>IN</sub> 6560-02-00	1/8"	\$6.23
	✓ <sub>IN</sub> 6560-53-00	5/32"	\$6.23
	✓ <sub>IN</sub> 6560-04-00	1/4"	\$6.28

Union			
	Part Number	Tube O.D.	Price
	✓ <sub>IN</sub> 6580-02-00	1/8"	\$2.72
	✓ <sub>IN</sub> 6580-53-00	5/32"	\$2.44
	✓ <sub>IN</sub> 6580-04-00	1/4"	\$3.04
	✓ <sub>IN</sub> 6580-05-00	5/16"	\$3.39
	✓ <sub>IN</sub> 6580-06-00	3/8"	\$4.33
	✓ <sub>IN</sub> 6580-08-00	1/2"	\$5.82

Reducer				
	Part Number	Tube O.D.	Stem O.D.	Price
	✓ <sub>IN</sub> 6800-02-04	1/8"	1/4"	\$2.64
	✓ <sub>IN</sub> 6800-53-04	5/32"	1/4"	\$2.42
	✓ <sub>IN</sub> 6800-04-06	1/4"	3/8"	\$3.47
	✓ <sub>IN</sub> 6800-04-08	1/4"	1/2"	\$3.13
	✓ <sub>IN</sub> 6800-06-08	3/8"	1/2"	\$4.95


Bulkhead Union			
	Part Number	Tube O.D.	Price
	✓ <sub>IN</sub> 6590-02-00	1/8"	\$4.32
	✓ <sub>IN</sub> 6590-53-00	5/32"	\$4.49
	✓ <sub>IN</sub> 6590-04-00	1/4"	\$4.64
	✓ <sub>IN</sub> 6590-05-00	5/16"	\$5.53
	✓ <sub>IN</sub> 6590-06-00	3/8"	\$7.01
	✓ <sub>IN</sub> 6590-08-00	1/2"	\$8.72

Union Elbow			
	Part Number	Tube O.D.	Price
	✓ <sub>IN</sub> 6550-02-00	1/8"	\$3.04
	✓ <sub>IN</sub> 6550-53-00	5/32"	\$2.94
	✓ <sub>IN</sub> 6550-04-00	1/4"	\$3.06
	✓ <sub>IN</sub> 6550-05-00	5/16"	\$3.68
	✓ <sub>IN</sub> 6550-06-00	3/8"	\$8.05
	✓ <sub>IN</sub> 6550-08-00	1/2"	\$6.49


Swivel Male "Y"				
	Part Number	Tube O.D.	Thread NPT	Price
	✓ <sub>IN</sub> P6450-02-02	1/8"	1/8"	\$5.61
	✓ <sub>IN</sub> P6450-53-02	5/32"	1/8"	\$4.89
	✓ <sub>IN</sub> P6450-04-02	1/4"	1/8"	\$5.84

Pneumatic Accessories


# Fittings



Male Branch Tee Swivel				
Part Number	Tube O.D.	Thread NPT	Price	
✓IN P6430-02-02	1/8"	1/8"	\$4.05	
✓IN P6430-53-02	5/32"	1/8"	\$3.98	
✓IN P6430-53-04	5/32"	1/4"	\$4.54	
✓IN P6430-04-02	1/4"	1/8"	\$4.54	
✓IN P6430-04-04	1/4"	1/4"	\$4.49	
✓IN P6430-04-06	1/4"	3/8"	\$5.94	
✓IN P6430-06-04	3/8"	1/4"	\$6.66	
✓IN P6430-06-06	3/8"	3/8"	\$7.84	
✓IN P6430-06-08	3/8"	1/2"	\$9.28	
✓IN P6430-08-04	1/2"	1/4"	\$9.30	
✓IN P6430-08-06	1/2"	3/8"	\$8.77	
✓IN P6430-08-08	1/2"	1/2"	\$9.91	




Male Run Tee Swivel				
Part Number	Tube O.D.	Thread NPT	Price	
✓IN P6440-02-02	1/8"	1/8"	\$4.49	
✓IN P6440-53-02	5/32"	1/8"	\$4.05	
✓IN P6440-53-04	5/32"	1/4"	\$4.68	
✓IN P6440-04-02	1/4"	1/8"	\$4.49	
✓IN P6440-04-04	1/4"	1/4"	\$4.51	
✓IN P6440-04-06	1/4"	3/8"	\$6.28	
✓IN P6440-06-04	3/8"	1/4"	\$6.98	
✓IN P6440-06-06	3/8"	3/8"	\$8.28	
✓IN P6440-06-08	3/8"	1/2"	\$9.63	
✓IN P6440-08-04	1/2"	1/4"	\$9.23	
✓IN P6440-08-06	1/2"	3/8"	\$8.98	
✓IN P6440-08-08	1/2"	1/2"	\$10.88	




Plug			
Part Number	Tube O.D.	Price	
✓IN 6900-02-00	1/8"	\$0.84	
✓IN 6900-53-00	5/32"	\$0.88	
✓IN 6900-04-00	1/4"	\$1.02	
✓IN 6900-05-00	5/16"		
✓IN 6900-06-00	3/8"	\$1.55	
✓IN 6900-08-00	1/2"	\$1.91	


# Pipe Fittings




Female Elbow			
Part Number	Thread NPT	Price	
✓IN 28-001	1/8"	\$6.30	
✓IN 28-002	1/4"	\$7.98	
✓IN 28-003	3/8"	\$8.75	
✓IN 28-004	1/2"	\$18.27	




45 Degree Elbow			
Part Number	Thread NPT	Price	
✓IN 28-018	1/8"	\$11.90	
✓IN 28-019	1/4"	\$10.88	



Union Tee			
Part Number	Thread NPT	Price	
✓IN 28-024	1/8"	\$5.27	
✓IN 28-025	1/4"	\$8.52	
✓IN 28-026	3/8"	\$13.45	
✓IN 28-027	1/2"	\$20.23	





Coupling			
Part Number	Thread NPT	Price	
✓IN 28-058	1/8"	\$2.18	
✓IN 28-059	1/4"	\$3.08	
✓IN 28-060	3/8"	\$5.76	
✓IN 28-061	1/2"	\$8.19	





Reducing Coupling			
Part Number	Thread NPT	Price	
✓IN 28-181	1/4" to 1/8"	\$4.59	
✓IN 28-182	3/8" to 1/8"	\$5.32	
✓IN 28-183	3/8" to 1/4"	\$5.45	
✓IN 28-184	1/2" to 1/4"	\$16.87	
✓IN 28-185	1/2" to 3/8"	\$12.45	


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Hex Bushing			
	Part Number	Thread NPT	Price
	✓ IN 28-102	1/4" to 1/8"	\$1.28
	✓ IN 28-103	3/8" to 1/8"	\$2.35
	✓ IN 28-104	3/8" to 1/4"	\$2.10
	✓ IN 28-105	1/2" to 1/8"	\$4.10
	✓ IN 28-106	1/2" to 1/4"	\$3.75
	✓ IN 28-107	1/2" to 3/8"	\$3.01
	✓ IN 28-108	3/4" to 1/8"	\$9.69

Countersunk Hex Plugs			
	Part Number	Thread NPT	Price
	✓ IN 28-092	1/16"	\$0.83
	✓ IN 28-093	1/8"	\$0.83
	✓ IN 28-094	1/4"	\$1.11
	✓ IN 28-095	3/8"	\$1.50
	✓ IN 28-096	1/2"	\$3.15

Close Nipple			
	Part Number	Thread NPT	Price
	✓ IN 28-131	1/8"	\$1.19
	✓ IN 28-132	1/4"	\$1.70
	✓ IN 28-133	3/8"	\$2.25
	✓ IN 28-134	1/2"	\$3.57

Hex Nipple			
	Part Number	Thread NPT	Price
	✓ IN 28-211	1/8"	\$1.45
	✓ IN 28-212	1/4"	\$2.21
	✓ IN 28-213	3/8"	\$3.32
	✓ IN 28-214	1/2"	\$5.36

Male Branch Tee			
	Part Number	Thread NPT	Price
	✓ IN 28-281	1/8"	\$5.53
	✓ IN 28-282	1/4"	\$9.35
	✓ IN 28-283	3/8"	\$12.75
	✓ IN 28-284	1/2"	\$32.85

Flow Controls					
	Part Number	Type	Tube O.D	Thread NPT	Price
	✓ IN GMCU-04-02	Meter out manual knob	1/4"	1/8"	\$16.06
	✓ IN GMCU-04-04	Meter out manual knob	1/4"	1/4"	\$16.99
	✓ IN GMCU-06-04	Meter out manual knob	3/8"	1/4"	\$19.27
	✓ IN GSCU-53-02	Meter out screwdrive slot	5/32"	1/8"	\$15.30
	✓ IN GSCU-04-02	Meter out screwdrive slot	1/4"	1/8"	\$15.81
	✓ IN GSCU-04-04	Meter out screwdrive slot	1/4"	1/4"	\$15.81
	✓ IN GSCU-06-04	Meter out screwdrive slot	3/8"	1/4"	\$16.45
	✓ IN RFU-482-02	Inline		1/8"	\$15.30
	✓ IN RFU-444-04	Inline		1/4"	\$23.96

Pneumatic Accessories

Polyethylene						
Model Number	Tube O.D.	Tube I.D.	Wall Thickness	WP @ 75 °F	Price	
IN PE021-100*	1/8"	.062"	.031"	120 psi	\$10.29	
IN PE2510-100*	5/32"	.106"	.025"	166 psi	\$14.16	
IN PE0417-100*	1/4"	.170"	.040"	173 psi	\$90.88	
IN PE0417-500*	1/4"	.170"	.040"	173 psi	\$53.84	
IN PE3103-500*	5/16"	.236"	.038"	125 psi	\$78.80	
IN PE064-100*	3/8"	.250"	.062"	192 psi	\$21.02	
IN PE064-500*	3/8"	.250"	.062"	192 psi	\$93.73	
IN PE086-100*	1/2"	.375"	.062"	123 psi	\$31.51	
IN PE086-500*	1/2"	.375"	.062"	123 psi	\$135.21	

**\* = Color Code (100 = 100' ROLL, 500 = 500' ROLL)**

**Black = K      Blue = B      Green = G**  
**Natural = N    Red = R      Yellow = Y**

**Orange = Q is available in 1/4"**

Polyurethane						
Model Number	Tube O.D.	Tube I.D.	Wall Thickness	WP @ 75 °F	Price	
IN PT0203-50*	1/8"	1/16"	.031"	233 psi	\$7.49	
IN PT0203-500*	1/8"	1/16"	.031"	233 psi	\$57.06	
IN PT2503-100*	5/32"	3/32"	.031"	176 psi	\$21.17	
IN PT2503-400*	5/32"	3/32"	.031"	176 psi	\$75.68	
IN PT0404-100*	1/4"	.160"	.045"	148 psi	\$39.55	
IN PT0404-500*	1/4"	.160"	.045"	148 psi	\$178.16	
IN PT0606-100*	3/8"	1/4"	.062"	147 psi	\$71.79	
IN PT0606-500*	3/8"	1/4"	.062"	147 psi	\$334.61	
IN PT0809-50*	1/2"	.320"	.090"	140 psi	\$74.56	
IN PT0809-250*	1/2"	.320"	.090"	140 psi	\$368.07	

**\* = Color Code (50 = 50' ROLL, 100 = 100' ROLL, 250 = 250' ROLL, 500 = 500' ROLL)**

**Black = K      Blue = B      Green = G      Orange = Q**  
**White = W     Red = R      Yellow = Y     Transparent Clear = TC**

1/2" tubing – K, R, B, Y, TC only

3/8" tubing – K, R, G, B, W, Y, TC only

Nylon						
Model Number	Tube O.D.	Tube I.D.	Wall Thickness	WP @ 75 °F	Price	
IN NC0216-100*	1/8"	.093"	.016"	225 psi	\$12.41	
IN NC2525-100*	5/32"	.106"	.025"	275 psi	\$14.19	
IN NC0435-100*	1/4"	.180"	.035"	250 psi	\$29.07	
IN NC0435-500*	1/4"	.180"	.035"	250 psi	\$132.72	
IN NC0650-100*	3/8"	.275"	.050"	222 psi	\$59.42	
IN NC0650-500*	3/8"	.275"	.050"	222 psi	\$265.44	
IN NC0862-100*	1/2"	.375"	.062"	200 psi	\$98.59	
IN NC0862-500*	1/2"	.375"	.062"	200 psi	\$448.74	

**\* = Color Code (100 = 100' ROLL, 500 = 500' ROLL)**

**Natural = N**  
**Black = K**

Pneumatic Accessories

Sintered Bronze Vent			
	Part Number	Port Size	Price
	✓ IN BVS-18	1/8"	\$0.72
	✓ IN BVS-28	1/4"	\$0.84
	✓ IN BVS-38	3/8"	\$1.14
	✓ IN BVS-48	1/2"	\$1.48
	✓ IN BVS-68	3/4"	\$2.87
	✓ IN BVS-88	1"	\$4.17
	✓ IN BVS-128	1 1/4"	\$9.25
	✓ IN BVS-148	1 1/2"	\$10.25

Sintered Bronze Muffler			
	Part Number	Port Size	Price
	✓ IN BM-08	10-32	\$0.81
	✓ IN BM-18	1/8"	\$0.94
	✓ IN BM-28	1/4"	\$1.67
	✓ IN BM-38	3/8"	\$2.99
	✓ IN BM-48	1/2"	\$3.05
	✓ IN BM-68	3/4"	\$8.75
	✓ IN BM-88	1"	\$13.85
	✓ IN BMS-128	1 1/4"	\$30.67
✓ IN BMS-148	1 1/2"	\$36.90	

Aluminum Body High Flow Muffler			
	Part Number	Port Size	Price
	✓ IN HFMA-18	1/8"	\$5.54
	✓ IN HFMA-28	1/4"	\$5.54
	✓ IN HFMA-38	3/8"	\$7.27
	✓ IN HFMA-48	1/2"	\$7.27
	✓ IN HFMA-68	3/4"	\$14.75
	✓ IN HFMA-88	1"	\$14.75

Speed Control Muffler			
	Part Number	Port Size	Price
	✓ IN SCM-18	1/8"	\$2.85
	✓ IN SCM-28	1/4"	\$3.56
	✓ IN SCM-38	3/8"	\$4.41
	✓ IN SCM-48	1/2"	\$6.58
	✓ IN SCM-68	3/4"	\$10.85
	✓ IN SCM-88	1"	\$14.86

Check Valves			
	Part Number	Description	Price
	✓ IN VNR-210-02	Check Valve 1/8"	\$9.15
	✓ IN VNR-843-07TF	Check Valve 1/4"	\$15.62

Quick Dump Valve			
	Part Number	Description	Price
	✓ IN VSC-588-02	Quick Exhaust Valve 1/8"	\$12.94
	✓ IN VSC-544-04	Quick Exhaust Valve 1/4"	\$15.44
	✓ IN VSC-538-06	Quick Exhaust Valve 3/8"	\$25.27
	✓ IN VSC-522-08	Quick Exhaust Valve 1/2"	\$24.07































Appearance	Description	Price	Price (Stainless Steel)
	2 Programmable switching outputs (NO or NC)	Starting at \$315.00	Starting at \$365.00
	0...10V Dc, Analog output and 1 programmable switching output (NO or NC)	Starting at \$330.00	Starting at \$380.00
	4...20mA, Analog output and 1 programmable switching output (NO or NC)	Starting at \$330.00	Starting at \$380.00

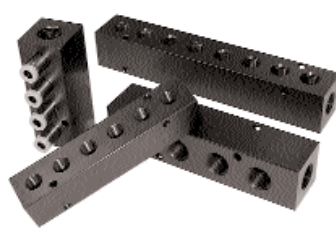
Pneumatic Accessories





**Features:**

- Steel, Dry
- Brass Internals

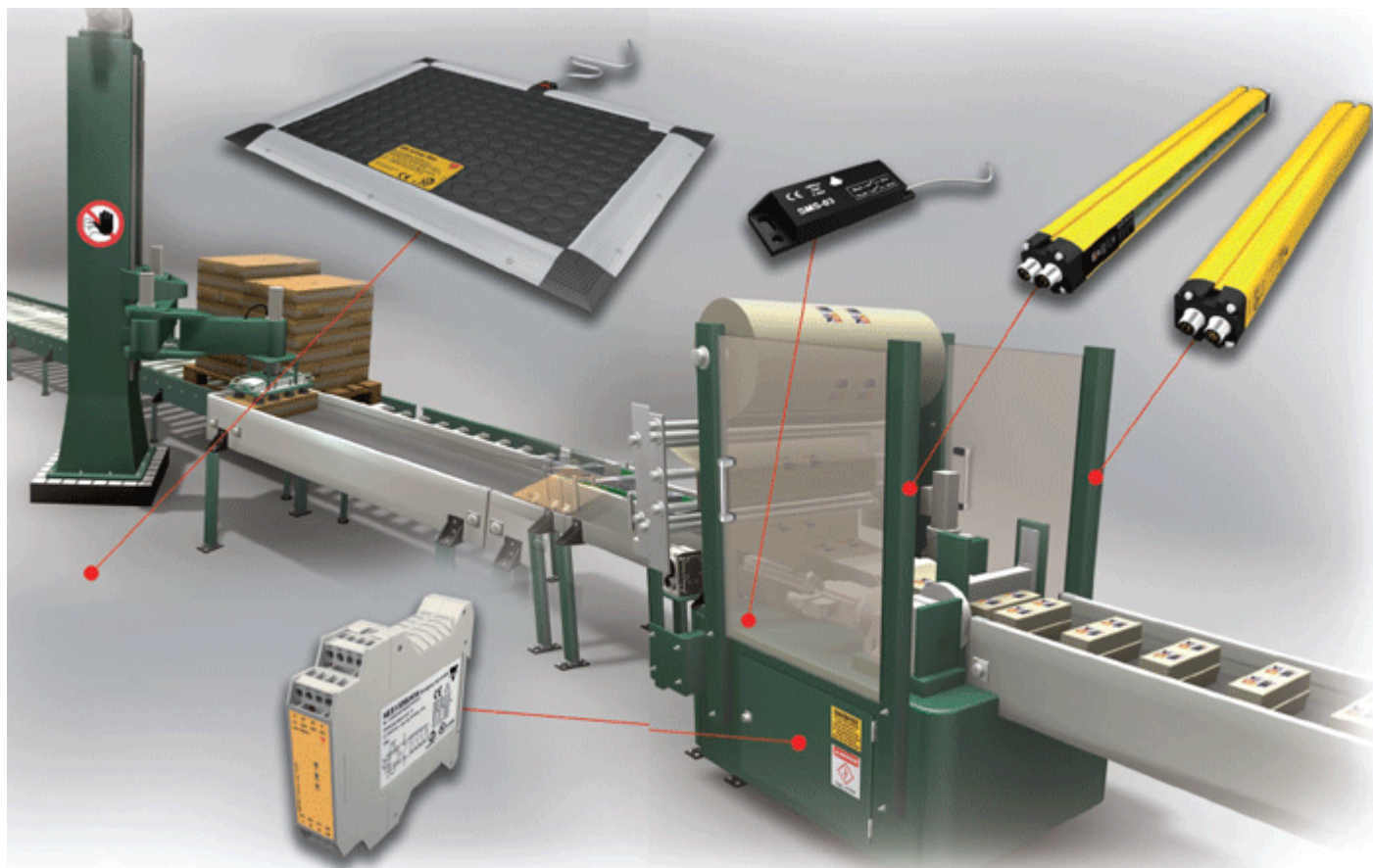
**Pressure Gauges**

	Part Number	Face Size	Range	Description	Price
	 IN PF15SCB-30VAC	1.5"	VAC	Center Back	\$
	 IN PF15SCB-60	1.5"	0-60	Center Back	\$6.86
	 IN PF15SCB-160	1.5"	0-160	Center Back	\$8.55
	 IN PF20SCB-30VAC	2"	VAC	Center Back	\$7.08
	 IN PF20SCB-60	2"	0-60	Center Back	\$9.00
	 IN PF20SCB-160	2"	0-160	Center Back	\$6.32
	 IN PF25SCB-30VAC	2.5"	VAC	Center Back	\$10.64
	 IN PF25SCB-60	2.5"	0-60	Center Back	\$9.00
	 IN PF25SCB-160	2.5"	0-160	Center Back	\$11.85
	 IN PF15SLM-30VAC	1.5"	VAC	Bottom Mount	\$9.05
	 IN PF15SLM-60	1.5"	0-60	Bottom Mount	\$6.70
	 IN PF15SLM-160	1.5"	0-160	Bottom Mount	\$9.05
	 IN PF20SLM-30VAC	2"	VAC	Bottom Mount	\$6.60
	 IN PF20SLM-60	2"	0-60	Bottom Mount	\$5.28
	 IN PF20SLM-160	2"	0-160	Bottom Mount	\$7.15
	 IN PF25SLM-30VAC	2.5"	VAC	Bottom Mount	\$10.34
	 IN PF25SLM-60	2.5"	0-60	Bottom Mount	\$8.04
	 IN PF25SLM-160	2.5"	0-160	Bottom Mount	\$11.45
	 IN PF15SUB-30VAC	1.5"	VAC	Panel Mount	\$13.30
	 IN PF15SUB-60	1.5"	0-60	Panel Mount	\$12.58
	 IN PF15SUB-160	1.5"	0-160	Panel Mount	\$11.49
	 IN PF20SUB-30VAC	2.0"	VAC	Panel Mount	\$13.30
	 IN PF20SUB-60	2.0"	0-60	Panel Mount	\$12.58
	 IN PF20SUB-160	2.0"	0-160	Panel Mount	\$17.00
	 IN PF25SUB-30VAC	2.5"	VAC	Panel Mount	\$14.26
	 IN PF25SUB-60	2.5"	0-60	Panel Mount	\$13.58
	 IN PF25SUB-160	2.5"	0-160	Panel Mount	\$18.35

**Pneumatic Accessories**


<b>Bar Stock Manifolds</b>			
	Part Number	Description	Price
 IN	PCM10-125R-04B	1/8" 4 Station	\$15.86
 IN	PCM10-125R-06B	1/8" 6 Station	\$17.91
 IN	PCM10-125R-08B	1/8" 8 Station	\$19.83
 IN	PCM10-125R-10B	1/8" 10 Station	\$21.37





Safety

## Light Curtains



## Safety Controllers



## E-Stop Switches



## Anti-Tie Down




## Interlocks



**Features:**

- **Hand Protection Type:** Minimum sensing object size of **25mm(0.984")** with a beam pitch of **20mm**
- All types can be freely wired to provide either NPN or PNP transistor outputs.
- The SF4B series has a universal **14ms response time**, regardless of the number of channels, the beam axis pitch, or the number of units connected in series.
- The on-board controller supports standard functions such as floating blanking, fixed blanking, and whole curtain muting.

Appearance	Part Number	Description	Price
	AD 303	Admiral AD, 310mm protect. height	\$850.00
	AD 603	Admiral AD, 610mm protect. height	\$1,173.00
	AD 903	Admiral AD, 910mm protect. height	\$1,497.00
	AX 303	Admiral AX, 310mm protect. height	\$867.00
	AX 603	Admiral AX 610mm protect. height	\$1,190.00
	AX 903	Admiral AX 910mm protect. height	\$1,517.00
	AX 303 M	Admiral AX. Master, 310mm protect. height	\$1,037.00
	AX 603 M	Admiral AX. Master, 610mm protect. height	\$1,363.00
	AX 903 M	Admiral AX. Master, 910mm protect. height	\$1,687.00
	AX 303 S	Admiral AX. Slave, 310mm protect. height	\$ 850.00
	AX 603 S	Admiral AX. Slave, 610mm protect. height	\$1,173.00
	AX 903 S	Admiral AX. Slave, 910mm protect. height	\$1,497.00
	AX 303 WT	Admiral AX WT, 310mm protect. height	\$1,657.00
	AX 603 WT	Admiral AX WT, 610mm protect. height	\$2,000.00
AX 903 WT	Admiral AX WT, 910mm protect. height	\$2,363.00	

Safety



## ReeR Mosaic Safety Controller

Appearance	Part Number	Description	Price
	M1	Main unit, 8 Inputs, 2 OSSD,	\$1,088.00
	MI802	8 Input 2 OSSD Expansion	\$779.00
	MI8	8 Input Expansion	\$616.00
	MI16	16 Input Expansion	\$713.00
	MO2	2 OSSD Expansion	\$689.00
	MO4	4 OSSD Expansion	\$506.00
	MR2	2 safety relays unit 2NO+1NC	\$218.00
	MR4	4 safety relays unit 4NO+2NC	\$393.00
	MBP	PROFIBUS DP unit	\$817.00
	MBD	DeviceNet unit	\$817.00
	MBC	CANopen unit	\$817.00
	MCM	Mosaic Configuration Memory	\$37.00
	MSC	Mosaic Safety Communication	\$18.00
	CSU	USB cable	\$23.00

## IDEC Safety Controller

### Idec Safety Controller FS1A

The Idec FS1A is a configurable safety controller, through the use of jumpers and dip switches, up to 8 different Preset safety configurations can be set without programming. Simple to use

Appearance	Part Number	Description	Price
	FS1A-C01S	FS1a Safety Controller	\$499.00

## E-Stop Switches

### IDEC Emergency Stop

**Features:**

- 22mm
- 600V/10A



### IDEC Emergency Stop w/ Lockout Tag




**Features:**

- 22mm
- 600V/10A



Part Number	Function	Price	Part Number	Function	Price
IN XW1E-BV413M-R	General Use	\$60.00	IN XN4E-BL413MR	General Use	\$140.00

## Nolatron Anti-Tie Down

Appearance	Part Number	Description	Price
	PN: 42115	Compatible with single pole hand sensing devices. Uses redundant positive guided relays. Meets the OSHA classification of control reliability. Uses a detachable terminal strip for easy installation and removal	\$359.10
	PN: 4485	Compatible with single pole hand sensing devices. Uses redundant positive guided relays. Meets the OSHA classification of control reliability. Uses a detachable terminal strip for easy installation and removal	\$202.50
	TB-2E	The Nolatron TB-2 machine start bar is a complete OSHA compliant two hand starting system.	\$521.10



Safety

## IDEC

Appearance	Part Number	Description	Price
	IN HS5B-11B	Miniature Interlock	\$40.00
	IN HS9Z-A52	Right Angle Key	\$7.00
	IN HS9Z-A51	Straight Key	\$7.00
	HS5E-B4003	Mini Solenoid Locking Switch, Spring Lock, 24VDC	\$124.00
	HS5E-B7Y003	Solenoid Locking Switch, 24VDC	\$124.00



## Extrusion



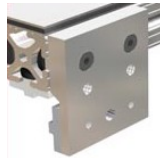
## Fasteners



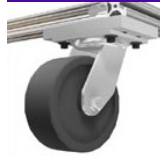
## Joining Plates



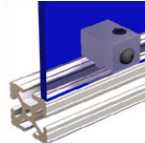
## Linear Bearings



## Floor to Frame



## Doors and Panels



## Tools



# Extrusion

## 80/20 Aluminum Extrusion

Framing

Appearance	Part Number	Description	Price
	<b>IN</b> 1515-242	1.5" x 1.5" x 242" Bar	\$128.26
	<b>IN</b> 1515-LITE-242	1.5" x 1.5" x 242" Bar—Lite	\$108.90
	1530-242	1.5" x 3" x 242" Bar	\$225.06
	<b>IN</b> 1530-LITE-242	1.5" x 3" x 242" Bar—Lite	\$198.44
	<b>IN</b> 1010-242	1" x 1" x 242" Bar	\$55.66
	<b>IN</b> 1020-242	1" x 2" x 242" Bar	\$94.38
	<b>IN</b> 2020-242	1" x 2" x 242" Bar	\$137.94
	<b>IN</b> 3030-242	3" x 3" x 242" Bar	\$363.00

## Fasteners

### Economy T-Nuts

Appearance	Part Number	Description	Price
	<b>IN</b> 3276	10 series econo T-nut 10-32	\$0.16
	<b>IN</b> 3676	10 series econo T-nut 10-32-offset	\$0.42
	<b>IN</b> 3382	10 series econo T-nut 1/4-20	\$0.21
	<b>IN</b> 3278	15 series econo T-nut 5/16-18-offset	\$0.27
	<b>IN</b> 3280	10 series double econo T-nut 1/4-20	\$0.69
	<b>IN</b> 3279	15 series double econo T-nut 5/16-18	\$0.79

### Drop In T-Nuts

Appearance	Part Number	Description	Price
	<b>IN</b> 3375	10 series drop in T-nut 10-32	\$1.70
	<b>IN</b> 3376	10 series drop in T-nut 1/4-20	\$1.70
	<b>IN</b> 3283	15 series drop in T-nut 1/4-20	\$1.85
	<b>IN</b> 3282	15 series drop in T-nut 5/16-18	\$1.85

### Bolts & Bolt/Nut Assemblies

Appearance	Part Number	Description	Price
	<b>IN</b> 3330	FBHSC 5/16-18 x 11/16	\$1.60
	<b>IN</b> 3061	BHCS 1/4-20 x 1/2	\$0.23
	<b>IN</b> 3342	FBHSCS 1/4-20 x 1/2	\$0.30
	<b>IN</b> 3390	FBHSCS 1/4-20 x 3/8	\$0.39
	<b>IN</b> 3320	FBHSC 5/16-18 x 11/16 & econo T-nut	\$0.60
	<b>IN</b> 3393	BHCS 1/4-20 x 1/2 & econo T-nut	\$0.40
	<b>IN</b> 3321	FBHSCS 1/4-20 x 1/2 & econo T-nut	\$0.50
	<b>IN</b> 3386	FBHSCS 1/4-20 x 3/8 & econo T-nut	\$0.46

## End Fasteners & Anchor Fasteners






Appearance	Part Number	Description	Price
	IN 3381	10 series end fastener & 1/4-20 screw	\$1.50
	IN 3380	15 series end fastener & 5/16-18 screw	\$1.60
	IN 3395	10 series anchor fastener assembly	\$2.90
	IN 3360	10 series anchor fastener assembly	\$3.15

## Joining Plates

### 80/20 Joining Plates

Appearance	Part Number	Description	Price
	4108	10 series 1/8" inside corner bracket 2 hole	\$2.75
	IN 4119	10 series inside corner bracket 2 hole	\$2.90
	IN 4302	15 series inside corner bracket 2 hole	\$2.95
	4113	1020 or 2020 series inside corner bracket 4 hole	\$4.05
	IN 4303	1530 or 3030 series inside corner bracket 4 hole	\$4.40
	4115	10 series inside corner bracket 4 hole	\$4.05
	IN 4301	15 series inside corner bracket 4 hole	\$4.30
	4114	1020 or 2020 series inside corner bracket 8 hole	\$5.35
	IN 4304	1530 or 3030 series inside corner bracket 8 hole	\$6.55
	IN 4132	10 series inside gusset corner bracket 2 hole	\$3.95
	IN 4332	15 series inside gusset corner bracket 2 hole	\$4.30
	4136	10 series inside gusset corner bracket 4 hole	\$5.65
	4336	15 series inside gusset corner bracket 4 hole	\$6.25
	4134	1020 or 2020 series inside gusset corner bracket 4 hole	\$5.65
	IN 4334	1530 or 3030 series inside gusset corner bracket 4 hole	\$6.25
	4138	1020 or 2020 series inside gusset corner bracket 8 hole	\$7.48
	IN 4338	1530 or 3030 series inside gusset corner bracket 8 hole	\$8.95
	4107	10 series 2 hole joining strip	\$3.40
	IN 4307	15 series 2 hole joining strip	\$3.45
	4118	10 series 3 hole joining strip	\$4.30
	IN 4306	15 series 3 hole joining strip	\$4.40
	4166	10 series 6 hole joining plate	\$5.40
	4366	15 series 6 hole joining plate	\$5.85
	4165	10 series 8 hole joining plate	\$5.95
	4365	15 series 8 hole joining plate	\$6.85
	4141	10 series 4 hole joining tee	\$5.80
	IN 4341	15 series 4 hole joining tee	\$6.30

## 80/20 Dynamic Pivots

Appearance	Part Number	Description	Price
	 4180	10 series 0 degree living hinge	\$18.15
	 4380	15 series 0 degree living hinge	\$21.40
	 4178	1020 universal living hinge	\$23.40
	 4379	1530 universal living hinge	\$26.80

## 80/20 Linear Motion

Appearance	Part Number	Description	Price
	6715	10 series single flange linear bearing	\$34.15
	6815	15 series single flange linear bearing	\$44.65
	6415	10 series single flange linear bearing brake ready	\$38.60
	6515	15 series single flange linear bearing brake ready	\$49.10
	6716	10 4" series single flange linear bearing	\$45.05
	6723	10 series double flange linear bearing	\$51.45
	6816	15 6" series single flange linear bearing	\$58.95
	6416	10 4" series single flange linear bearing brake ready	\$49.55
	6516	15 6" series single flange linear bearing brake ready	\$63.40
	6725	10 series double flange linear bearing	\$36.50
	6825	15 series double flange linear bearing	\$47.00
	6425	10 series double flange linear bearing brake ready	\$40.95
	6525	15 series double flange linear bearing brake ready	\$51.45
	6726	10 4" series double flange linear bearing	\$48.20
	6826	15 6" series double flange linear bearing	\$62.10
	6426	10 4" series double flange linear bearing brake ready	\$52.70
	6526	15 6" series double flange linear bearing brake ready	\$66.55
	6423	1020 or 2020 double flange linear bearing brake ready	\$55.95
	6523	1530 or 3030 double flange linear bearing brake ready	\$58.05
	6850	10 series L-handle brake kit	\$9.55
	6800	15 series L-handle brake kit	\$13.75
	6802	15 series star handle brake kit	\$2.00

# Floor to Frame

## 80/20 Floor to Frame

Framing

Appearance	Part Number	Description	Price
	2192	Deluxe leveling feet 1/4-20	\$12.10
	2194	Deluxe leveling feet 5/16-18	\$12.10
	2186	Economy furniture glide 1/4-20	\$2.10
	2187	Economy furniture glide 5/16-18	\$3.10
	2299	Threaded stem swivel caster 3/8-16	\$5.55
	36034M	5" rigid caster	\$12.94
	24023M	5" locking swivel caster	\$18.12
	24015	4" locking swivel caster	\$14.10
	2127	10 series base plate 5/16-18	\$13.65
	2136	10 base plate 5/16-18	\$13.65
	2142	10 base plate 3/8-16	\$13.65
	2141	15 base plate 1/2-13	\$16.05
	2146	15 base plate 7/16-14	\$16.05
	2715	Leveling Caster 600lbs.	\$54.38

## Doors/Panels

### Hinges

Appearance	Part Number	Description	Price
	2835	10 series left hinge assembly-lift off	\$12.30
	2836	15 series left hinge assembly-lift off	\$16.00
	2841	10 series right hinge assembly-lift off	\$12.30
	2842	15 series right hinge assembly-lift off	\$16.00
	3386	10 series bolt assembly for hinges	\$0.46
	3319	15 series bolt assembly for hinges	\$0.58
	2081	10 series adjustable hinge assembly	\$7.30
	2080	15 series adjustable hinge assembly	\$12.55
	3457	10 series bolt assembly mount to profile A-hinge	\$0.32
	3365	15 series bolt assembly mount to profile A-hinge	\$0.50
	3459	10 series bolt assembly mount to 1/4 panel A-hinge	\$0.27
	3442	15 series bolt assembly mount to 1/4 panel a-hinge	\$0.36

## Handles

Appearance	Part Number	Description	Price
	2061	15 series medium black plastic handle	\$6.85
	3491	10 series bolt assembly mount to profile-handle	\$0.37
	3455	15 series bolt assembly mount to profile- handle	\$0.50
	3315	10 series bolt assembly mount to 1/4 panel-handle	\$0.58
	3473	15 series bolt assembly mount to 1/4 panel-handle	\$0.44
	2886	7" aluminum cabinet handle	\$20.95
	3035	Bolt to profile assembly	\$0.47

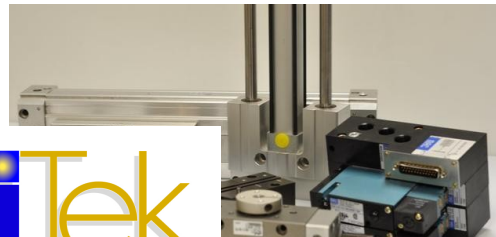
# Doors/Panels

## Door Catch/Dead Bolt/Panel Block

Appearance	Part Number	Description	Price
	2090	Magnetic door catch	\$6.85
	4486	Nylon magnetic catch	\$6.10
	2107	90 degree dead bolt	\$18.90
	2427	10 series panel block	\$5.80
	2425	15 series panel block	\$6.25
	3063	10 bolt assembly for panel block	\$0.23
	3114	15 bolt assembly for panel block	\$0.30

## Tools

Appearance	Part Number	Description	Price
	6110	5/32" T Handle Hex Wrench	\$5.00
	6000	3/16" T Handle Hex Wrench	\$5.25
	6030	1/4" T Handle Hex Wrench	\$7.65



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