

## Sockets and Accessories

The next several pages cover Impactool sockets and accessories, excerpted from the Ingersoll-Rand IRAX Accessories catalog (Form # 52225-F). These items are specifically designed to maximize the performance and versatility of your Impactools.

The selection presented here includes:

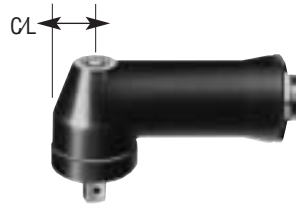
- Socket sets
- Power angle attachments
- Power driver extensions
- Power hex to square adapters
- Power socket adapters
- Individual sockets
- “O” rings and retaining pins
- One-piece socket retainers
- Power universal joints
- Power keyless chucks
- Power quick change chucks



# Sockets and Accessories

## Socket Sets

Part Number	Description
72313	3/8" drive set (5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, metal tray)
77314	3/8" drive deep set (5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, metal tray)
72356M	3/8" drive metric set (8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, metal tray)
77357M	3/8" drive deep metric set (8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, metal tray)
74411	1/2" drive set (7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 11/16, metal tray)
73412	1/2" drive deep set (3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, metal tray)
74466M	1/2" drive metric set (10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, metal tray)
73467M	1/2" drive deep metric set (10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, metal tray)
075608L	3/4" drive deep set (7/8, 15/16, 1, 11/16, 11/8, 11/4, 15/16, 11/2)
075609	3/4" drive set (3/4, 13/16, 7/8, 15/16, 1, 11/16, 11/8, 13/16, 11/4, metal tray)
075610	3/4" drive set (3/4, 13/16, 7/8, 15/16, 1, 11/16, 11/8, 13/16, 11/4, 15/16, 13/8, 17/16, 11/2)



## Power Angle Attachments

A reduction of approximately 50% of the torque output will be encountered.

Part Number	Square Drive Size in.	Length in.	Height Over Drive, in.	Amount of Angle, Degrees	Weight/Lbs.	C/L
4UA9 <sup>(1)</sup>	1/2	6 1/4	2 5/16	90	3.0	1 3/32
2920A90	3/4	7	3 1/2	90	8.6	1 23/64
2934A90	1	8 1/2	4 3/8	90	16	1 27/32

<sup>(1)</sup> Angle Head gear ratio 1.333 to 1-Fits any 1/2 Drive Impact



## Power Hex to Square Adapters

Part Number	Drive Size in.		Length in.	Major Diam. in.
	Hex	Square		
7102	1/4	1/4	2	3/8
7106	1/4	3/8	4	9/16
7121	7/16	1/2	2 3/4	2 1/32



## Power Socket Adapters

Part Number	Square Drive Size in.		Length in.	Major Diam. in.
	Female	Male		
2U-215	3/8	1/2	1 5/16	5/8
07655	3/4	1	2 1/4	1 5/8
07656	1	3/4	1 7/8	2 1/8
25006	2 1/2	1 1/2	4 1/2	5

Part Number	Splined Drive		Length in.	Major Diam. in.
	Female	Male		
09902	No.5 Spline	1" Sq.	4 3/8	2 3/8
10005	1" Sq.	No.5 Spline	4 1/4	2 1/4



## Power Driver Extensions

Part Number	Square Drive Size in.	Length in.
7175P	3/8	3
7181P	1/2	5
07567	3/4	7
10607	1	7
15097P	1 1/2	8
25001-10	2 1/2	10

Part Number	Splined Drive No.	Length in.
09901-15	5	15

# Sockets and Accessories

## 3/8" Square Drive Power Sockets

Wrench Size in.	Part Number	Bolt Depth in.
<b>Standard – Hex/6 Point</b>		
5/16	7210H	1/2
11/32	7211H	1/2
3/8	7212H	1/2
7/16	7214H	1/2
1/2	7216H	1/2
9/16	7218H	1/2
5/8	7220H	1/2
11/16	7222H	9/16
3/4	7224H	9/16
<b>Deep – Hex/6 Point</b>		
5/16	7710H	1
3/8	7712H	1
7/16	7714H	1
1/2	7716H	1
9/16	7718H	1
5/8	7720H	1
11/16	7722H	1
3/4	7724H	1
<b>Ball Type Universal – Hex/6 Point</b>		
3/8	7273P	1/2
7/16	7274P	1/2
1/2	7275P	9/16
9/16	7276P	9/16

## Metric–1/2" Square Drive Power Sockets

Wrench Size mm	Part Number
<b>Standard – Metric/6 Point</b>	
8	7408M
9	7409M
10	7410M
11	7411M
12	7412M
13	7413M
14	7414M
15	7415M
16	7416M
17	7417M
18	7418M
19	7419M
21	7421M
22	7422M
23	7423M
24	7424M
25	7425M
26	7426M
27	7427M
28	7428M
30	7430M
32	7432M

## 1/2" Square Drive Power Sockets

Wrench Size in.	Part Number	Bolt Depth in.
<b>Standard – Hex/6 Point</b>		
3/8	7412H	7/8
7/16	7414H	7/8
1/2	7416H	7/8
9/16	7418H	7/8
5/8	7420H	7/8
11/16	7422H	7/8
3/4	7424H	7/8
13/16	7426H	7/8
7/8	7428H	7/8
15/16	7430H	1 1/8
1	7432H	1 1/8
1 1/16	7434H	1 1/8
1 1/8	7436H	1 1/8
1 1/4	7440H	1 1/8
<b>Deep – Hex/6 Point</b>		
3/8	7312H	2 5/8
7/16	7314H	2 5/8
1/2	7316H	2 5/8
9/16	7318H	2 5/8
5/8	7320H	2 5/8
11/16	7322H	2 9/16
3/4	7324H	2 9/16
13/16	7326H	2 9/16
7/8	7328H	2 3/4
15/16	7330H	2 3/4
1	7332H	2 11/16
1 1/16	7334H	2 11/16
1 1/8	7336H	2 11/16
<b>Ball Type Universal – Hex/6 Point</b>		
7/16	7474P	3/8
1/2	7475P	3/8
9/16	7476P	9/16
5/8	7477P	5/8
3/4	7479P	1 1/16
13/16	7480P	1 1/16

### 3/4" Square Drive

Wrench Size in.	Part Number	Bolt Depth in.
<b>Standard – Hex/6 Point</b>		
9/16	07509	3/4
3/4	07512	15/16
13/16	07513	15/16
7/8	07514	1
15/16	07515	1
1	07516	1 1/16
1 1/16	07517	1 1/16
1 1/8	07518	1 1/16
1 3/16	07519	1 1/8
1 1/4	07520	1 1/8
1 5/16	07521	1 1/8
1 3/8	07522	1 1/8
1 7/16	07523	1 5/32
1 1/2	07524	1 5/32
<b>Deep – Hex/6 Point</b>		
3/4	07512L	1 5/8
13/16	07513L	1 5/8
7/8	07514L	1 5/8
15/16	07515L	1 5/8
1	07516L	2
1 1/16	07517L	2
1 1/8	07518L	2
1 3/16	07519L	2 3/16
1 1/4	07520L	2 3/16
1 5/16	07521L	2 3/16
1 3/8	07522L	2 5/16
1 7/16	07523L	2 3/8
1 1/2	07524L	2 3/8

### 1" Square Drive

Wrench Size in.	Part Number	Bolt Depth in.
<b>Standard – Hex/6 Point</b>		
3/4	10012	1 1/8
13/16	10013	1 1/8
7/8	10014	1 1/8
15/16	10015	1 1/8
1	10016	1 1/4
1 1/16	10017	1 1/4
1 1/8	10018	1 1/4
1 3/16	10019	1 1/4
1 1/4	10020	1 3/8
1 5/16	10021	1 7/16
1 3/8	10022	1 1/2
1 7/16	10023	1 1/2
1 1/2	10024	1 9/16
1 9/16	10025	1 5/8
1 5/8	10026	1 11/16
1 11/16	10027	1 3/4
1 3/4	10028	1 13/16
1 13/16	10029	1 7/8
1 7/8	10030	1 15/16
1 15/16	10031	2
2	10032	2 1/16
2 1/16	10033	2 1/8
2 1/8	10034	2 3/16
2 3/16	10035	2 1/4
2 1/4	10036	2 5/16
2 5/16	10037	2 3/16
2 3/8	10038	2 1/4
2 7/16	10039	2 3/8
2 1/2	10040	2 1/2
2 9/16	10041	2 1/2
2 5/8	10042	2 1/2
2 11/16	10043	2 3/4
2 3/4	10044	2 3/4
2 13/16	10045	2 3/4
2 7/8	10046	2 3/4
2 15/16	10047	3
3	10048	3
3 1/8	10050	3 1/8
3 3/8	10054	3
3 1/2	10056	3

### 1" Square Drive (cont.)

Wrench Size in.	Part Number	Bolt Depth in.
<b>Deep – Hex/6 Point</b>		
1 15/16	10021L	2 3/8
1 1/2	10024L	2 3/8
1 5/8	10026L	2 7/8
<b>Thin Wall Deep – Hex/6 Point</b>		
1 1/16	10017-LT	3 1/8
1 1/4	10020-LT	3 1/8

# Sockets and Accessories

## 1½" Square Drive

Wrench Size in.	Part Number	Bolt Depth in.
<b>Standard – Hex/6 Point</b>		
1 <sup>3</sup> / <sub>8</sub>	15022	2 <sup>1</sup> / <sub>8</sub>
1 <sup>7</sup> / <sub>16</sub>	15023	2 <sup>1</sup> / <sub>8</sub>
1 <sup>1</sup> / <sub>2</sub>	15024	2 <sup>1</sup> / <sub>8</sub>
1 <sup>9</sup> / <sub>16</sub>	15025	2 <sup>1</sup> / <sub>8</sub>
1 <sup>5</sup> / <sub>8</sub>	15026	2 <sup>1</sup> / <sub>8</sub>
1 <sup>11</sup> / <sub>16</sub>	15027	2 <sup>1</sup> / <sub>8</sub>
1 <sup>3</sup> / <sub>4</sub>	15028	2 <sup>1</sup> / <sub>8</sub>
1 <sup>13</sup> / <sub>16</sub>	15029	2 <sup>1</sup> / <sub>8</sub>
1 <sup>7</sup> / <sub>8</sub>	15030	2 <sup>1</sup> / <sub>8</sub>
1 <sup>15</sup> / <sub>16</sub>	15031	2 <sup>1</sup> / <sub>8</sub>
2	15032	2 <sup>1</sup> / <sub>8</sub>
2 <sup>1</sup> / <sub>16</sub>	15033	2 <sup>1</sup> / <sub>8</sub>
2 <sup>1</sup> / <sub>8</sub>	15034	2 <sup>1</sup> / <sub>8</sub>
2 <sup>3</sup> / <sub>16</sub>	15035	2 <sup>1</sup> / <sub>8</sub>
2 <sup>1</sup> / <sub>4</sub>	15036	2 <sup>5</sup> / <sub>8</sub>
2 <sup>5</sup> / <sub>16</sub>	15037	2 <sup>5</sup> / <sub>8</sub>
2 <sup>3</sup> / <sub>8</sub>	15038	2 <sup>5</sup> / <sub>8</sub>
2 <sup>7</sup> / <sub>16</sub>	15039	2 <sup>5</sup> / <sub>8</sub>
2 <sup>1</sup> / <sub>2</sub>	15040	2 <sup>5</sup> / <sub>8</sub>
2 <sup>9</sup> / <sub>16</sub>	15041	2 <sup>5</sup> / <sub>8</sub>
2 <sup>5</sup> / <sub>8</sub>	15042	2 <sup>3</sup> / <sub>4</sub>
2 <sup>11</sup> / <sub>16</sub>	15043	2 <sup>3</sup> / <sub>4</sub>
2 <sup>3</sup> / <sub>4</sub>	15044	2 <sup>7</sup> / <sub>8</sub>
2 <sup>13</sup> / <sub>16</sub>	15045	2 <sup>7</sup> / <sub>8</sub>
2 <sup>7</sup> / <sub>8</sub>	15046	3 <sup>1</sup> / <sub>8</sub>
2 <sup>15</sup> / <sub>16</sub>	15047	3 <sup>1</sup> / <sub>8</sub>
3	15048	3 <sup>1</sup> / <sub>8</sub>
3 <sup>1</sup> / <sub>8</sub>	15050	3 <sup>3</sup> / <sub>8</sub>
3 <sup>3</sup> / <sub>16</sub>	15051	3 <sup>3</sup> / <sub>8</sub>
3 <sup>1</sup> / <sub>4</sub>	15052	3 <sup>1</sup> / <sub>2</sub>
3 <sup>5</sup> / <sub>16</sub>	15053	3 <sup>1</sup> / <sub>2</sub>
3 <sup>3</sup> / <sub>8</sub>	15054	3 <sup>1</sup> / <sub>2</sub>
3 <sup>7</sup> / <sub>16</sub>	15055	3 <sup>3</sup> / <sub>4</sub>
3 <sup>1</sup> / <sub>2</sub>	15056	3 <sup>3</sup> / <sub>4</sub>
3 <sup>9</sup> / <sub>16</sub>	15057	3 <sup>3</sup> / <sub>4</sub>
3 <sup>5</sup> / <sub>8</sub>	15058	3 <sup>3</sup> / <sub>4</sub>
3 <sup>11</sup> / <sub>16</sub>	15059	3 <sup>3</sup> / <sub>4</sub>
3 <sup>3</sup> / <sub>4</sub>	15060	3 <sup>3</sup> / <sub>4</sub>

## 1½" Square Drive (cont.)

Wrench Size in.	Part Number	Bolt Depth in.
<b>Standard – Hex/6 Point</b>		
3 <sup>7</sup> / <sub>8</sub>	15062	3 <sup>3</sup> / <sub>4</sub>
3 <sup>15</sup> / <sub>16</sub>	15063	3 <sup>3</sup> / <sub>4</sub>
4	15064	3 <sup>1</sup> / <sub>2</sub>
4 <sup>1</sup> / <sub>8</sub>	15066T	3 <sup>3</sup> / <sub>4</sub>
4 <sup>3</sup> / <sub>16</sub>	15067	3 <sup>3</sup> / <sub>4</sub>
4 <sup>1</sup> / <sub>4</sub>	15068	3 <sup>3</sup> / <sub>4</sub>
4 <sup>5</sup> / <sub>16</sub>	15069	4 <sup>1</sup> / <sub>8</sub>
4 <sup>1</sup> / <sub>2</sub>	15072	4
4 <sup>5</sup> / <sub>8</sub>	15074	4
4 <sup>3</sup> / <sub>4</sub>	15076	4
<b>Deep – Hex/6 Point</b>		
1 <sup>3</sup> / <sub>8</sub>	15022L	3 <sup>1</sup> / <sub>4</sub>
1 <sup>7</sup> / <sub>16</sub>	15023L	3 <sup>1</sup> / <sub>4</sub>
1 <sup>1</sup> / <sub>2</sub>	15024L	3 <sup>1</sup> / <sub>4</sub>
1 <sup>9</sup> / <sub>16</sub>	15025L	3 <sup>1</sup> / <sub>4</sub>
1 <sup>5</sup> / <sub>8</sub>	15026L	3 <sup>1</sup> / <sub>4</sub>
1 <sup>11</sup> / <sub>16</sub>	15027L	3 <sup>1</sup> / <sub>4</sub>
1 <sup>3</sup> / <sub>4</sub>	15028L	3 <sup>1</sup> / <sub>4</sub>
1 <sup>13</sup> / <sub>16</sub>	15029L	3 <sup>1</sup> / <sub>4</sub>
1 <sup>7</sup> / <sub>8</sub>	15030L	3 <sup>1</sup> / <sub>4</sub>
1 <sup>15</sup> / <sub>16</sub>	15031L	3 <sup>1</sup> / <sub>4</sub>
2	15032L	3 <sup>1</sup> / <sub>4</sub>
2 <sup>1</sup> / <sub>16</sub>	15033L	3 <sup>1</sup> / <sub>4</sub>
2 <sup>1</sup> / <sub>8</sub>	15034L	3 <sup>1</sup> / <sub>4</sub>
2 <sup>3</sup> / <sub>16</sub>	15035L	3 <sup>1</sup> / <sub>4</sub>
2 <sup>1</sup> / <sub>4</sub>	15036L	3 <sup>5</sup> / <sub>8</sub>
2 <sup>5</sup> / <sub>16</sub>	15037L	3 <sup>5</sup> / <sub>8</sub>
2 <sup>3</sup> / <sub>8</sub>	15038L	3 <sup>5</sup> / <sub>8</sub>
2 <sup>7</sup> / <sub>16</sub>	15039L	3 <sup>5</sup> / <sub>8</sub>
2 <sup>1</sup> / <sub>2</sub>	15040L	3 <sup>5</sup> / <sub>8</sub>
2 <sup>9</sup> / <sub>16</sub>	15041L	3 <sup>5</sup> / <sub>8</sub>
2 <sup>5</sup> / <sub>8</sub>	15042L	3 <sup>7</sup> / <sub>8</sub>
2 <sup>11</sup> / <sub>16</sub>	15043L	3 <sup>7</sup> / <sub>8</sub>
2 <sup>3</sup> / <sub>4</sub>	15044L	3 <sup>7</sup> / <sub>8</sub>
2 <sup>13</sup> / <sub>16</sub>	15045L	4 <sup>1</sup> / <sub>2</sub>
2 <sup>7</sup> / <sub>8</sub>	15046L	4 <sup>1</sup> / <sub>2</sub>
3	15048L	4 <sup>3</sup> / <sub>4</sub>
3 <sup>1</sup> / <sub>16</sub>	15049L	4 <sup>3</sup> / <sub>4</sub>

## 1½" Square Drive (cont.)

Wrench Size in.	Part Number	Bolt Depth in.
<b>Deep – Hex/6 Point</b>		
3 <sup>1</sup> / <sub>8</sub>	15050L	4 <sup>3</sup> / <sub>4</sub>
3 <sup>3</sup> / <sub>16</sub>	15051L	4 <sup>7</sup> / <sub>8</sub>
3 <sup>1</sup> / <sub>4</sub>	15052L	4 <sup>7</sup> / <sub>8</sub>
3 <sup>5</sup> / <sub>16</sub>	15053L	4 <sup>7</sup> / <sub>8</sub>
3 <sup>7</sup> / <sub>16</sub>	15055L	4 <sup>7</sup> / <sub>8</sub>
3 <sup>1</sup> / <sub>2</sub>	15056L	4 <sup>7</sup> / <sub>8</sub>
3 <sup>9</sup> / <sub>16</sub>	15057L	5 <sup>1</sup> / <sub>8</sub>
3 <sup>5</sup> / <sub>8</sub>	15058L	5 <sup>1</sup> / <sub>8</sub>
3 <sup>11</sup> / <sub>16</sub>	15059L	5 <sup>1</sup> / <sub>8</sub>
3 <sup>3</sup> / <sub>4</sub>	15060L	5 <sup>1</sup> / <sub>8</sub>
3 <sup>13</sup> / <sub>16</sub>	15061L	5 <sup>1</sup> / <sub>8</sub>
3 <sup>7</sup> / <sub>8</sub>	15062L	5 <sup>1</sup> / <sub>8</sub>
4 <sup>1</sup> / <sub>2</sub>	15072L	5 <sup>5</sup> / <sub>8</sub>
4 <sup>5</sup> / <sub>8</sub>	15074L	5 <sup>7</sup> / <sub>8</sub>

## 2½" Square Drive

Wrench Size in.	Part Number	Bolt Depth in.
<b>Standard – Hex/6 Point</b>		
1¾	25028	2 <sup>15</sup> / <sub>16</sub>
1 <sup>7</sup> / <sub>8</sub>	25030	2 <sup>15</sup> / <sub>16</sub>
2	25032	2 <sup>15</sup> / <sub>16</sub>
2 <sup>1</sup> / <sub>8</sub>	25034	2 <sup>15</sup> / <sub>16</sub>
2 <sup>1</sup> / <sub>4</sub>	25036	2 <sup>15</sup> / <sub>16</sub>
2 <sup>3</sup> / <sub>8</sub>	25038	2 <sup>15</sup> / <sub>16</sub>
2 <sup>5</sup> / <sub>8</sub>	25042	2 <sup>15</sup> / <sub>16</sub>
2 <sup>3</sup> / <sub>4</sub>	25044	2 <sup>15</sup> / <sub>16</sub>
2 <sup>15</sup> / <sub>16</sub>	25047	2 <sup>15</sup> / <sub>16</sub>
3	25048	2 <sup>15</sup> / <sub>16</sub>
3 <sup>1</sup> / <sub>8</sub>	25050	3 <sup>15</sup> / <sub>32</sub>
3 <sup>1</sup> / <sub>4</sub>	25052	3 <sup>15</sup> / <sub>32</sub>
3 <sup>3</sup> / <sub>8</sub>	25054	3 <sup>15</sup> / <sub>32</sub>
3 <sup>1</sup> / <sub>2</sub>	25056	3 <sup>15</sup> / <sub>32</sub>
3 <sup>5</sup> / <sub>8</sub>	25058	3 <sup>15</sup> / <sub>32</sub>
3 <sup>3</sup> / <sub>4</sub>	25060	3 <sup>3</sup> / <sub>4</sub>
3 <sup>7</sup> / <sub>8</sub>	25062	3 <sup>3</sup> / <sub>4</sub>
4	25064	3 <sup>3</sup> / <sub>4</sub>
4 <sup>1</sup> / <sub>8</sub>	25066	3 <sup>3</sup> / <sub>4</sub>
4 <sup>1</sup> / <sub>4</sub>	25068	4 <sup>7</sup> / <sub>32</sub>
4 <sup>3</sup> / <sub>8</sub>	25070	4 <sup>7</sup> / <sub>32</sub>
4 <sup>1</sup> / <sub>2</sub>	25072	4 <sup>3</sup> / <sub>4</sub>
4 <sup>5</sup> / <sub>8</sub>	25074	4 <sup>3</sup> / <sub>4</sub>
4 <sup>7</sup> / <sub>8</sub>	25078	4 <sup>3</sup> / <sub>4</sub>
5	25080	4 <sup>3</sup> / <sub>4</sub>
5 <sup>1</sup> / <sub>8</sub>	25082	4 <sup>3</sup> / <sub>4</sub>
5 <sup>1</sup> / <sub>4</sub>	25084	4 <sup>3</sup> / <sub>4</sub>
5 <sup>3</sup> / <sub>8</sub>	25086	5 <sup>1</sup> / <sub>32</sub>
5 <sup>1</sup> / <sub>2</sub>	25088	5 <sup>1</sup> / <sub>32</sub>
5 <sup>5</sup> / <sub>8</sub>	25090	5 <sup>15</sup> / <sub>32</sub>
6 <sup>1</sup> / <sub>4</sub>	25100	5

## No. 5 Spline Drive<sup>(1)</sup>

Wrench Size in.	Part Number	Bolt Depth in.
<b>Standard – Hex/6 Point</b>		
7/8	09914	1½
1 <sup>1</sup> / <sub>16</sub>	09917	1½
1 <sup>3</sup> / <sub>16</sub>	09919	1½
1 <sup>1</sup> / <sub>4</sub>	09920	1½
1 <sup>7</sup> / <sub>16</sub>	09923	1 <sup>5</sup> / <sub>8</sub>
1½	09924	1 <sup>5</sup> / <sub>8</sub>
1 <sup>5</sup> / <sub>8</sub>	09926	1 <sup>3</sup> / <sub>4</sub>
2	09932	2 <sup>1</sup> / <sub>8</sub>

<sup>(1)</sup> 14 Spline, 1<sup>5</sup>/<sub>8"</sub> Diameter

## "O" Rings and Retaining Pins

Part Number	Description
<b>For 2½" Square Drive Sockets</b>	
588-216	4 <sup>1</sup> / <sub>8"</sub> I.D. "O" Ring
588-215	4 <sup>5</sup> / <sub>8"</sub> X 5 <sup>1</sup> / <sub>16"</sub> Retaining Pin
<b>For 3½" Square Drive Sockets</b>	
599-216	6 <sup>1</sup> / <sub>4"</sub> I.D. "O" Ring
599-215	6 <sup>1</sup> / <sub>2"</sub> X 1 <sup>1</sup> / <sub>2"</sub> Retaining Pin

# Sockets and Accessories

## One Piece Socket Retainers

Warning: One Piece Socket Retainers should not be used for any purpose other than to retain sockets on Impacttools. Always check for wear on pin before using. Refer to the instructions furnished with the Retainer for selection of correct sizes and installation procedure.



Part Number	Inside Diameter in.	mm
<b>For 3/4" Square Drive Sockets</b>		
RR10005S	1 1/4	32
RR10032S	1 7/16	37
RR10034S	1 5/8	41
<b>For 1" Square Drive Sockets</b>		
RR10008S	1 3/4	45
RR10010S	1 15/16	49
RR10015S	2 1/8-2 1/4	54-57
RR10017S	2 1/2	64
RR10019S	2 5/8	67
RR10020S	2 7/8-3	73-76
<b>For 1 1/2" Square Drive Sockets</b>		
RR10020S	2 7/8-3	73-76
RR10025S	3 3/8	86
RR10030S	3 7/8	98
RR10035S	4 3/8	111



## Power Universal Joints

Universal joints make it easy to work around difficult angles and hard-to-reach nuts.

Driver	Part Number	Depth in.	Major Diam. in.
3/8" Sq.	7270P	2 1/2	1 5/16
1/2" Sq.	7470P	2 1/2	1 1/8
3/4" Sq.	07570	4 1/4	1 3/4
1" Sq.	10670	4 5/16	2 3/8
No. 5 Spline	*09670A	8	2 7/8

\*Availability subject to prior sale.



## Power Quick Change Chuck

For greatest versatility on screw-driving jobs, snap a Quick Change Chuck on the drive of your Impacttool. A wide variety of hex shank bits can be easily inserted and quickly changed by merely pushing on the spring loaded collar.

Square Drive Size in. Female	Part Number	Hex Chuck Size in. Female
3/8	2U-A925-4	1/4
3/8	502-A925-7	7/16
1/2	4U-A925-7	7/16

## Flush Hex Sockets

Socket Size	For Series 6 and 7 3D6 Angle Head Part No.	For Series 8 and 9 32 Angle Head Part No.	For Series 8 and 9 53 Angle Head Part No.	For Series 9 83 Angle Head Part No.
3/4"				182A88-807
13 mm	8SA34-807M	8SA34-807M	182A13MF-807	
17 mm			8SA56-807M	
19 mm				182A88-807

## Protective Tool Boots

Keep your Ingersoll-Rand air impact ratchets, wrenches, and drills free from external damage with protective boots. As you

work, these boots also absorb some of the tool vibration, keeping you more comfortable, too.



Tool Number	Boot Number	Material
1702P1	202-P32	Vinyl
1701B1	211-P32	Vinyl
2705A1	231-P32	Vinyl
2131, 2131-2	2131-P32	Vinyl
2707A1	244-P32	Vinyl
2925P1	2161-P32	Vinyl
2925P3	2161-P32	Vinyl
231, 231-2	230-32	Leather
261-P32	261-1710	Vinyl
2080-P32	2080	Vinyl

# Balancers



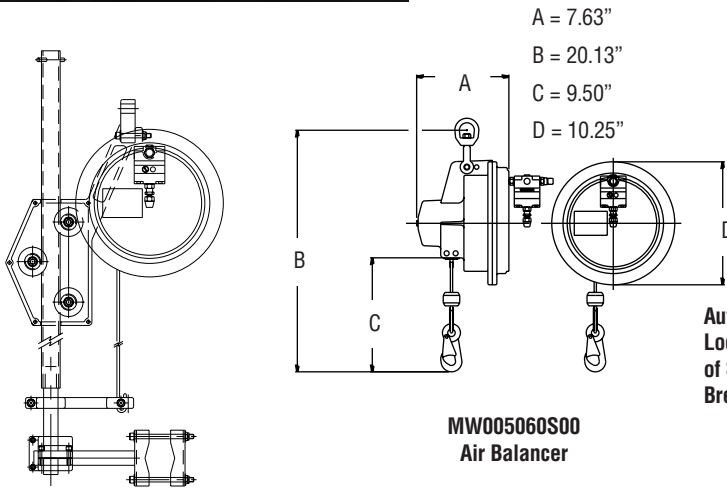
## E-Z Torque™ tool holders and Balance Air™ balancers

This unique combination of a fully adjustable tool holder and compact, efficient balancer provides a fast, easy way of achieving optimum tool positioning with proper operator ergonomics.

Constructed of cast aluminum and steel, with ball bearing rollers and a 48" travel, the E-Z Torque unit eliminates spring pull-back, and can be effectively used with air or electric tools, and can handle up to 100 ft.-lbs. of torque.

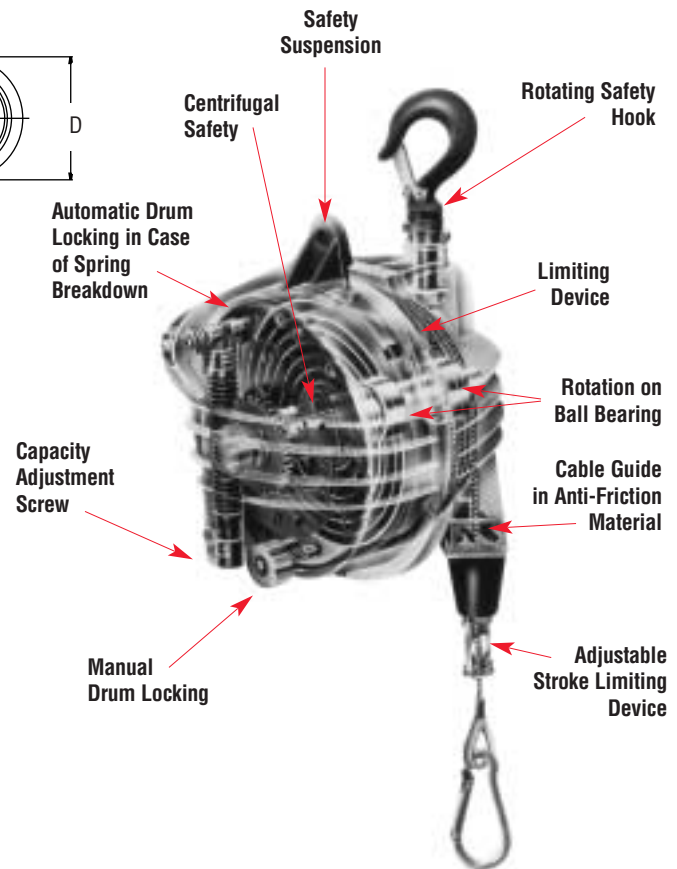
The 50 lb. capacity Balance Air unit has a capacity range of 2-50 lbs., with a floating action that eliminates tension on the load. An external regulator provides easy adjustment, and the unit can provide "stepped" operation by sequencing the air signal.

E-Z Torque and Balance Air – a productivity solution designed for the operator, and to maximize the performance of Ingersoll-Rand tools.



**MT005060S00**  
E-Z Torque

**MW005060S00**  
Air Balancer



The IRAX red balancers from Ingersoll-Rand offer you five different series to fill all your balancing requirements. The light, medium, intermediate, heavy and super duty series cover weight balancing requirements from 1 lb. to 330 lbs.

These rugged balancers are made of die cast aluminum. A safety locking device on the medium, heavy and super duty models is designed to prevent dropping of the tool should the spring fail. Easy to use controls allow for accurate spring adjustment.

With over 50 models to choose from and lifts ranging from 5 to 9 feet, IRAX balancers fill your balancer requirements with quality from Ingersoll-Rand.

### Model Number Key

<b>B</b>	<b>M</b>	<b>D</b>	<b>L</b>	<b>L</b>	<b>10</b>
Balancer	H = Heavy I = Intermediate L = Light M = Medium S = Super	Duty	L = Long Cable (8.2' or 9.85') S = Short Cable (6.5')	Locking Type	Upper Weight Capacity in Kilograms

# Balancers

## Hose Reel Balancer – Specification

Model No.	Hose Nipples	Capacity lb.	Lift ft.
BHR-8	1/4"	7/8 - 1 3/4	4 1/4
BHR-15	1/4"	1 1/2 - 3 1/3	4 1/4
BHR-25	1/4"	2 5/8 - 5 1/2	4 1/4

### Light Duty – Capacity 0.9 to 66.6 lbs. (0.4 to 3 kg)

- Rotary hook
- Self lubricating bushings
- Adjustable capacity and stroke limiting device
- Auxiliary safety suspension

Model No.	Capacity		Weight		Lift	
	lb.	kg	lb.	net-kg	ft.	mm
BLD1	.9-2.2	0.4-1	1.3	0.6	5.2	1600
BLD2	2.2-4.4	1-2	1.3	0.6	5.2	1600
BLD3	4.4-6.6	2-3	1.3	0.7	5.2	1600

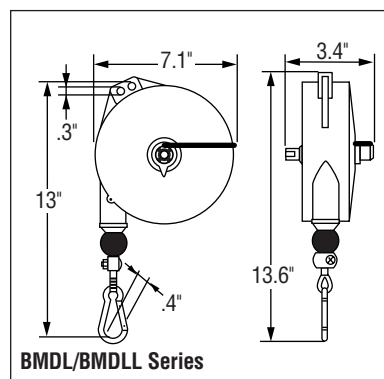
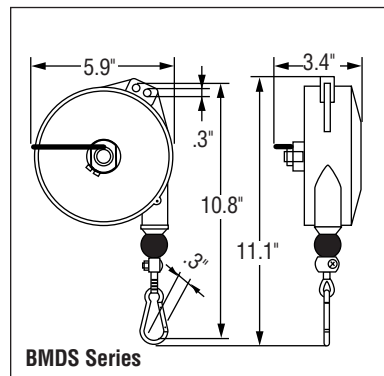
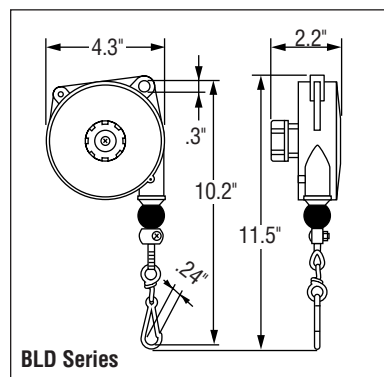
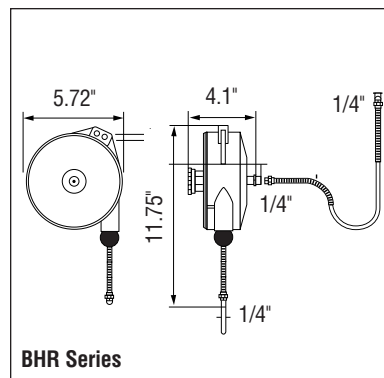
### Medium Duty – Capacity 2.2 to 26.5 lbs. (1 to 12 kg)

- Safety device prevents dropping of load due to spring breakage (except BMDS-2)
- Anti-friction cable guide
- Adjustable stroke limiting device

Model No.	Capacity		Weight		Lift	
	lb.	kg	lb.	net-kg	ft.	mm
BMDS-2	2.2-5.5	1-2.5	4.4	2.0	6.5	2000
BMDS-4	4.4-8.8	2-4	4.4	2.0	6.5	2000
BMDS-6	8.8-13.2	4-6	5.1	2.3	6.5	2000
BMDS-8	13.2-17.6	6-8	5.5	2.5	6.5	2000
BMDL-4	4.4-8.8	2-4	6.4	2.9	8.2	2500
BMDL-6	8.8-13.2	4-6	7.1	3.2	8.2	2500
BMDL-8	13.2-17.6	6-8	7.7	3.5	8.2	2500
BMDL-10	17.6-22.0	8-10	8.2	3.7	8.2	2500
BMDL-12	22.0-26.5	10-12	8.8	4.0	8.2	2500

## Locking Type Balancer

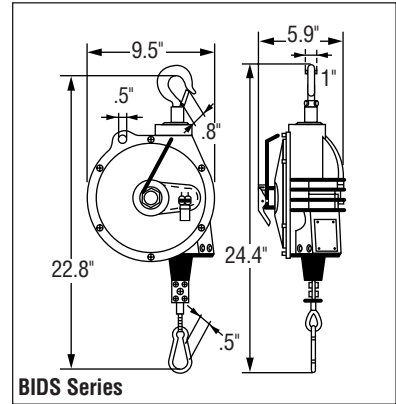
Model No.	Capacity		Weight		Lift	
	lb.	kg	lb.	net-kg	ft.	mm
BMDLL-4	4.4-8.8	2-4	6.6	3.0	8.2	2500
BMDLL-6	8.8-13.2	4-6	7.3	3.3	8.2	2500
BMDLL-8	13.2-17.6	6-8	7.9	3.6	8.2	2500
BMDLL-10	17.6-22.0	8-10	8.4	3.8	8.2	2500



### Intermediate Duty – Capacity 8 to 55 lbs. (4 to 25 kg)

- Safety device prevents load dropping due to spring breakage
- Anti-friction cable guide
- Adjustable stroke limiting device
- Upper rotary suspension
- Safety hook
- Auxiliary safety suspension

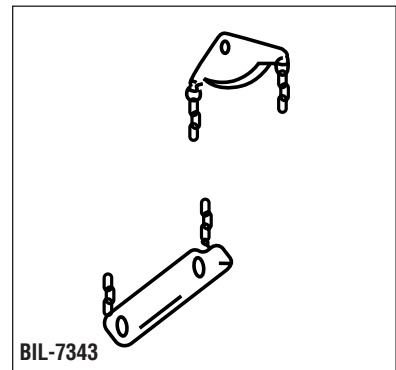
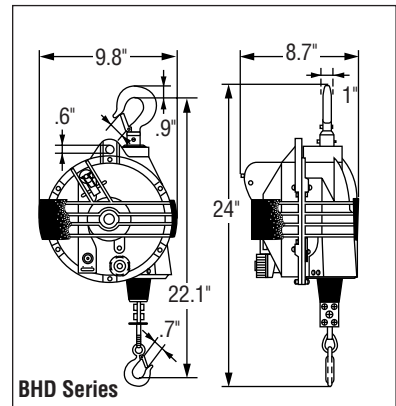
Model No.	Capacity	
	lb.	kg
BIDS-7	8.8-15.4	4-7
BIDS-10	15.4-22	7-10
BIDS-14	22-30.8	10-14
BIDS-18	30.8-39.6	14-18
BIDS-22	39.6-48.4	18-22
BIDS-26	48.4-55	22-25



### Heavy Duty – Capacity 22 to 143 lbs. (10 to 65 kg)

- Safety device prevents load dropping due to spring breakage
- Upper suspension with rotary safety hook
- Precision guided cable winding prevents jamming
- Anti-friction cable guide
- Manual locking device for instant clamping or release
- Worm screw capacity adjustment
- Spring drum assembly
- Floor controlled locking device available as an option (BIL-7343)

Model No.	Capacity		Weight		Lift	
	lb.	kg	lb.	net-kg	ft.	mm
BHD-15	22-33	10-15	22.7	10.3	6.5	2000
BHD-20	33-44	15-20	23.4	10.6	6.5	2000
BHD-25	44-55	20-30	25.4	11.5	6.5	2000
BHD-30	55-66	25-30	25.4	11.5	6.5	2000
BHD-35	66-77	30-35	26.0	11.8	6.5	2000
BHD-45	77-99	35-45	27.3	12.4	6.5	2000
BHD-55	99-121	45-55	27.6	12.5	6.5	2000
BHD-65	121-143	55-65	30.0	13.6	6.5	2000



# Balancers

## Super Duty — Capacity 33 to 363 lbs. (15 to 165 kg)

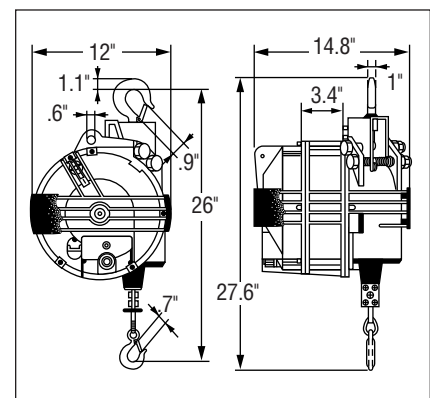
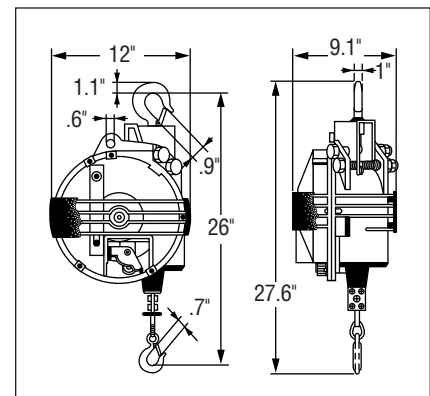
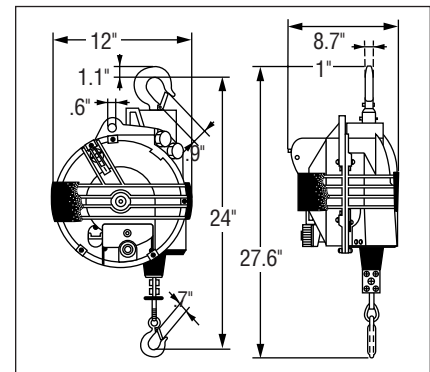
- Safety device prevents load dropping due to spring breakage
- Manual locking device for instant clamping or release
- Anti-friction cable guide
- Cable replacement without balancer disassembly
- Floor controlled locking device available as an option (BIL-7343)
- Precision guided cable winding prevents jamming

- Alignable rotating upper hook
- Worm screw capacity adjustment
- Cable visible for inspection
- Other sizes available on request

Model No.	Capacity		Weight		Lift	
	lb.	kg	lb.	net-kg	ft.	mm
BSD-20	33-44	15-20	41.9	19.0	8.2	2500
BSD-30	44-66	20-30	43.7	19.8	8.2	2500
BSD-40	66-88	30-40	45.9	20.8	8.2	2500
BSD-50	88-110	40-50	52.7	23.9	8.2	2500
BSD-60	110-132	50-60	56.0	25.4	8.2	2500
BSDL-20	33-44	15-20	42.1	19.1	9.85	3000
BSDL-25	44-55	20-25	43.9	19.9	9.85	3000
BSDL-35	55-77	25-35	46.1	20.9	9.85	3000

Model No.	Capacity		Weight		Lift	
	lb.	kg	lb.	net-kg	ft.	mm
BSD-70	132-154	60-70	59.1	26.8	8.2	2500
BSD-80	154-176	70-80	61.3	27.8	8.2	2500
BSD-90	176-198	80-90	63.5	28.8	8.2	2500
BSDL-45	77-99	35-45	52.5	23.8	9.85	3000
BSDL-50	88-110	40-50	52.7	23.9	9.85	3000
BSDL-60	110-132	50-60	55.8	25.3	9.85	3000
BSDL-70	132-154	60-70	58.9	26.7	9.85	3000
BSDL-80	154-176	70-80	61.7	28.0	9.85	3000
BSDL-90	176-198	80-90	64.0	29.0	9.85	3000

Model No.	Capacity		Weight		Lift	
	lb.	kg	lb.	net-kg	ft.	mm
BSD-100	198-220	90-100	78.5	35.6	8.2	2500
BSD-120	220-265	100-120	85.3	38.7	8.2	2500
BSD-140	265-309	120-140	92.2	41.8	8.2	2500
BSD-150	287-330	130-150	98.1	44.5	8.2	2500
BSD-165	330-363	150-165	106.3	48.2	8.2	2500
BSDL-100	198-220	90-100	81.1	36.8	9.85	3000
BSDL-115	220-254	100-115	85.3	38.7	9.85	3000
BSDL-130	254-286	115-130	88.0	39.9	9.85	3000
BSDL-140	286-309	130-140	94.4	42.8	9.85	3000
BSDL-150	309-330	140-150	100.6	45.6	9.85	3000



# Comfort Grips

Made from energy-absorbing Sorbothane®, the IRAX Comfort Grip provides an isolation barrier between your operator and the tool. Sorbothane®, proven effective in absorbing mechanical shocks and reducing vibrations transmitted to the operator, has been tested and recommended for years in medical and athletic applications.

### Features

- Nonslip urethane outer skin
- Die cut for precise tool fit
- Also available in sheet form
- Self-stick adhesive backing
- -20°F to 180°F operating range
- .125" thickness



Impactools	Part Number
1702P & 212 Pistol	CG-1702P
231, 2705A Pistol	CG-2705
2707A & 244P Pistol	CG-2707
2906P Pistol	CG-2906
2920P Pistol	CG-2920P
2940P	CG-2940P
1702SB & 212B	CG-1702
1720P & 261P	CG-1720P
1712, 2934, 2940, 2945, 2950, 280	CG-2934BA
For Other Applications	
6" x 8" Sheet with Tape	CG-6X8
42" Roll Seam Tape	CG-ST42

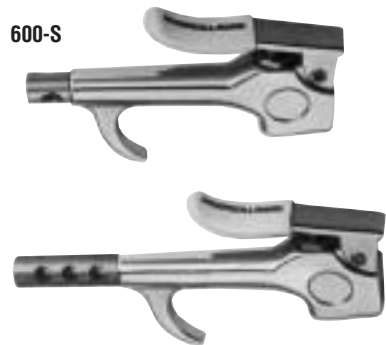
# Blow Guns

- Designed to meet OSHA standards
- Available in standard, 6" and 12" lengths
- Cushioned thumb grip

### 600 Series

Multiple venturi holes maximize air volume while conforming to OSHA's requirements on compressed air.

- Used for cleaning



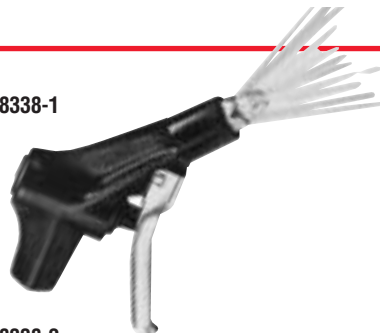
606-S and 612-S



ST206 and ST212



8338-1



8338-2



8440



ST10



ST11



Part Number	Description
600 Series†	
600-S	Standard Safety Blow Gun
600-SB	Booster Safety Blow Gun
606-S	Safety Blow Gun w/6" Extension
612-S	Safety Blow Gun w/ 12" Extension
8338 Series*	
8338-1	Safety Blow Gun with Cone of Air
8338-2	Safety Blow Gun with Rubber Tip
33970	10" Extension Tip for 8338 Series
8440 Series*	
8440	Safety Yellow, Lightweight, Polyester Blow Gun
Safety Extensions – Used on 600 Series	
ST206	6" Safety Extensions
ST212	12" Safety Extensions
Blow Gun Tips – Used on 600 Series	
ST10	Standard Safety Tip
ST11	Safety Air Booster Tip

¼" NPT – Maximum Tip Pressure 30 psig per OSHA Requirement.

\* Maximum Inlet Pressure 250 psig.

† Maximum Inlet Pressure 150 psig.

# Lubricants

## Lubrication

Proper lubrication of air tools is a must to prevent excessive wear of moving parts; to prevent possible rust and corrosion of bare, unprotected surfaces; and to provide smooth operation of motors, impact mechanisms, and other important components. Ingersoll-Rand has a full line of oils and greases which has been tested thoroughly and is recommended without reservation.



Oils Part Number	Oil Number	Quantity	Recommended Use
63Z4	63	4 oz.	Cyclone Wick Lubricant
<b>Chain Lubricant</b>			
Lubri-Link-Green		16 oz. Spray Bottle	Lubricant
LLG-5		5 gal.	
<b>Class I Lubricant</b>			
10Z4	10	4 oz.	For Percussive Tools, Assembly Tools and Series CD, CX, CA, TD, TX, TA and TXA Grinders
10P		1 pt.	
10G		1 gal.	
10G55		55 gal.	
<b>Class II Lubricant</b>			
50P	50	1 pt.	Motors of Series 1, 61, 77, 88 and 99 Grinders, Impacttools, Sump Pumps, Vibrators, Saws, Hoists and Winches
50G	50	1 gal.	
62 1 Gal		1 gal.	

Greases Part Number	Grease Number	Quantity	Recommended Use
23-1 LB	23	1 lb	Gearing of Drills
28 1 LB	28	1 lb	Screwdriver Gearing and Clutches; Drills, Grinders, Saws; Tie Tampers
28 8 LB		8 lb	
66 1 LB	66	1 lb	Slow Speed, High Torque Angle Heads
66 8 LB		8 lb	
67-4T	67	4 oz.	High Speed Angle Heads-High Temp (Green)
67-1 LB	67	1 lb	
67 8 LB		8 lb	
68-1 LB	68	1 lb	Coupling Splines and High Speed Angle Heads
68 8 LB	68	8 lb	
70 1 LB	70	1 lb	Large Piston Motor Gear Cases
70 8 LB		8 lb	
80 1 LB	80	1 lb	Bearings of All Sump Pumps
80 8 LB		8 lb	
90-14 oz	90	14 oz.	Offset Gear Heads for Tube Nut Wrenches
100 1 LB	100	1 lb	Impact Mechanisms of Most Impacttools
100 8 LB		8 lb	
105-4T-6 <sup>(1)</sup>	105	4 oz. tube	Impact Mechanisms of Most Impacttools and for Assembly of 2131 Impact Mechanisms.
105-1 LB		1 lb	
105-8 LB		8 lb	
115-4T-6 <sup>(1)</sup>	115	4 oz. tube	For General Maintenance on 2131 Impacttool Mechanisms
115-1 LB		1 lb	
150-1 LB	150	1 lb	All Impact Mechanisms with Swinging Weight (900 Series)
150 8 LB		8 lb	

<sup>(1)</sup> Six tubes of 105 grease

Anti-Freeze	
Part Number	Quantity
10GW	1 gal.

Rock Drill Oil	
Part Number	Quantity
51378701	1 gal. Light Below 20°F or (6.7°C)
51378693	1 gal. Medium 20°-90°F (-6.7° to 32.2°C)

Air Care Kits	
Part Number	General Description
67-LBK1	Angle Grinder Gear
105-LBK1	Impacttools Mechanisms, Greased via rear of tool.
115-LBK1	2131 Series



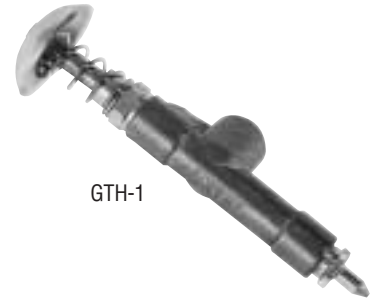
Grease Guns		
Part Number	Quantity	General Description
P25-228	3 oz.	Push-type Hand Gun for Hydraulic-type Fittings
R000A2-228	3 oz.	Push-type Hand Gun for Flush-type Fittings
GTH-1		For Grease Tubes



R000A2-228



P25-228



GTH-1

## Tune-Up Kits

Impacttools Tune-Up Kit Number	Tools Used On
1702B-TK2	1701B, 1702B, 2902B, 212B
1702P-TK2	1701P, 1702P, 2902P, 212P
1702SB-TK2	1702SB, 2902SB
1705P-TK2	1705P1
1709P-TK2	1709P
1710B/1710P-TK3	1710B1, 1710P1, 1711B3, 1711P3
1712B/1712P-TK3	1712B2, 1712B4, 1712P1, 280
1720B-TK2	1720B, 261B
1720P-TK2	1720P, 261P
2131P-TK2	2131P
2131-K36	2131 Seal Kit
2131P-THK1	Hammer Kit
221-TK2	221
223-TK2	223
231-TK3	231, 251P
2705-TK3	2705, 251P
2706-TK3	2706

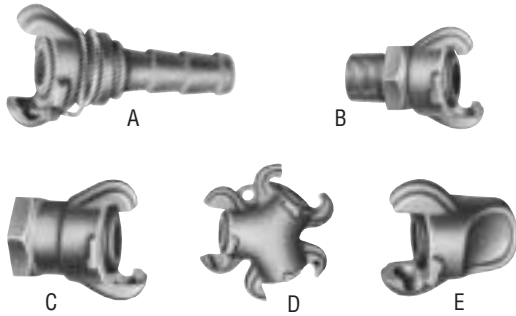
Impacttools Tune-Up Kit Number	Tools Used On
2707-TK2	2707A1, 2707A7, 244P
2903P-TK2	2903P1, 2903P2, 2903P7
2904P-TK2	2904P1, 2904P2, 2904P4
2905P-TK2	2905P1, 2905P7
2906P-TK1	2906P1, 2906P7
2908P-TK2	2908P
2910-TK4	2910B, 2910P
2920B-TK2	2920B
2920P-TK2	2920P
2161-TK2	2161, 2171
2925-TK2	2925
2934-TK3	2934, 2934P
2940-TK3	2940, 2940P
2945-TK2	2945
2950-TK2	2950
5020-TK2	5020, 5020H, 5020T, 5020TH
5040-TK2	5040, 5040T, 5040TD, 5040TDQ

# Hose Couplings

## Universal Hose Couplers

(full flow non-shutoff; shutoff air supply before disconnecting.)

Gaskets and clip are included with all Universal Couplers.



## Universal Coupler Gasket



For use in any Universal Coupler, Part Number UG-100.





Description and Illustration	Malleable Part Number	Bronze Part Number	Hose Size in.
<b>A</b> Universal Hose End	UH-50-M		1/2
	UH-75-M		3/4
	UH-100-M		1
<b>B</b> Universal Male Pipe Threaded End	UM-37-M		3/8
	UM-50-M		1/2
	UM-75-M		3/4
	UM-100-M		1
<b>C</b> Universal Female Pipe Threaded End	UF-50-M		1/2
	UF-75-M		3/4
	UF-100-M		1
<b>D</b> Universal 3-Way	UW-300-B		1/4 to 1
<b>E</b> Universal Dead End	UD-301-M		1/4 to 1

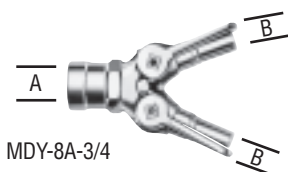
O-Rings for Type A Couplings Part Number	Body Size	Used in Model
BU-948	5/8"	FH, FO, MDY, MY
R4-103	1"	FH, FO, CA

## Type A Hose Couplers

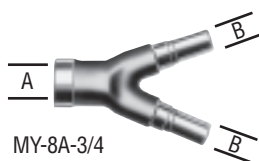
(full flow non-shutoff; turn off air supply before disconnecting.)

The IR type "A" couplers come in 5/8" and 1" body sizes. Designed for heavy duty service, the type "A" couplers are simple, sturdy and able to withstand hard usage and abuse without affecting their efficiency. Type "A" couplers and plugs are compatible within the same "Body" size.

Type	Body Size	Part Number	Max. Flow Opening	"A" End Size in.
<b>A</b> 	5/8"	MH-8-1/2	3/8"	1/2" Hose
	5/8"	MH-8-3/4	5/8"	3/4" Hose
	1"	MH-8A-1	13/16"	1" Hose
<b>A</b> 	5/8"	MO-8-1/2	3/8"	1/2" MNPT
	5/8"	MO-8-3/4	5/8"	3/4" MNPT
	1"	MO-8A-1	13/16"	1" MNPT
<b>A</b> 	5/8"	FH-8-1/2	3/8"	1/2" Hose
	5/8"	FH-8-3/4	9/16"	3/4" Hose
	1"	FH-8-1	13/16"	1" Hose
<b>A</b> 	5/8"	FO-8-3/8	3/8"	3/8" MNPT
	5/8"	FO-8-1/2	1/2"	1/2" MNPT
	5/8"	FO-8-3/4	5/8"	3/4" MNPT
	1"	FO-8-1	15/16"	1" MNPT



MDY-8A-3/4



MY-8A-3/4



CA-8A

Adapters Description	Body Size	Part Number	Max. Flow Opening	"A" End Size in.	"B" End Size in.
"Y" Shut off Valve	5/8"	MDY-8A-3/4	1/2"	1/2" Female	1/2" Plug
"Y" Adapter	5/8"	MY-8A-3/4	1/2"	1/2" Female	1/2" Plug
1" to 1/2" Reducer	1"	CA-8A*	5/8"	1" Female	1/2" Plug

\*CA-8A Reduces from the 1" body size down to a 3/4" NPT female thread. It comes with one MO-8-1/2 screwed into the "B" end.

### Swivel-It!™

Introducing the *NEW*, non-marring, composite *Swivel-It* from Ingersoll-Rand. The *NEW Swivel-It* is made from non-marring, high impact, chemical resistant composite material. The *NEW* composite *Swivel-It* is available in 1/4" NPT and provides 32% more air flow with 33 scfm.

The adjustable 1/4" NPT *Swivel-It* as well as the 3/8" NPT and 1/2" NPT are currently available only in aluminum. Look for additional *Swivel-It* models available in composite.

The *Swivel-It* is designed to reduce operator fatigue by allowing the air hose to hang straight to the floor, enhancing maneuverability and increasing operator comfort and productivity. For use with drills, screwdrivers, impact tools, angle wrenches, grinders, polishers, and sanders. Not for use with percussive tools.

Thread Size	Part Number	Air Flow Range
1/4"	ASC-1/4 <sup>(2)</sup>	0-25 cfm Adjustable
1/4" <sup>(1)</sup>	ASA-1/4	0-25 cfm Non-Marring
3/8"	AS-3/8	0-45 cfm Standard
1/2"	AS-1/2	0-65 cfm Standard

<sup>(1)</sup> Adjustable air flow  
<sup>(2)</sup> Composite



ASC-1/4

### PR Series (Quick Connect Composite Safety Couplers)



PR Couplers IR Part	Description	Avg. Flow CFM
PRSGF22	1/4" FNPT 1/4" Body, Safety Coupler	32
PRSGF23	3/8" FNPT 1/4" Body, Safety Coupler	32
PRSGF33	3/8" FNPT 3/8" Body, Safety Coupler	64
PRSGF34	1/2" FNPT 3/8" Body, Safety Coupler	64
PRSGM22	1/4" MNPT 1/4" Body, Safety Coupler	32
PRSGM23	3/8" MNPT 1/4" Body, Safety Coupler	32
PRSGM33	3/8" MNPT 3/8" Body, Safety Coupler	64
PRSGM34	1/2" MNPT 3/8" Body, Safety Coupler	64
PRSGH22	1/4" ID Hose 1/4" Body, Safety Coupler	32
PRSGH23	3/8" ID Hose 1/4" Body, Safety Coupler	32
PRSGH33	3/8" ID Hose 3/8" Body, Safety Coupler	64
PRSGH34	1/2" ID Hose 3/8" Body, Safety Coupler	64

PR Connectors IR Part	Description
PRPF22	1/4" FNPT 1/4" Body, Connector
PRPF23	3/8" FNPT 1/4" Body, Connector
PRPF32	1/4" FNPT 3/8" Body, Connector
PRPF33	3/8" FNPT 3/8" Body, Connector
PRPM22	1/4" MNPT 1/4" Body, Connector
PRPM23	3/8" MNPT 1/4" Body, Connector
PRPM32	1/4" MNPT 3/8" Body, Connector
PRPM33	3/8" MNPT 3/8" Body, Connector
PRPH22	1/4" ID Hose 1/4" Body, Connector
PRPH23	3/8" ID Hose 1/4" Body, Connector
PRPH33	3/8" ID Hose 3/8" Body, Connector
PRPH34	1/2" ID Hose 3/8" Body, Connector