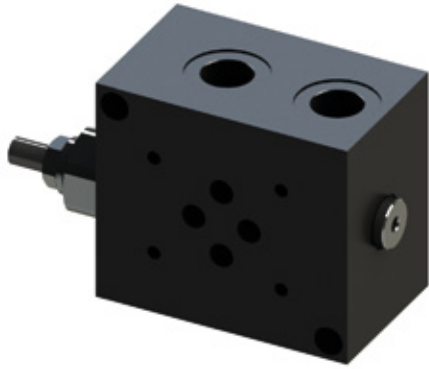


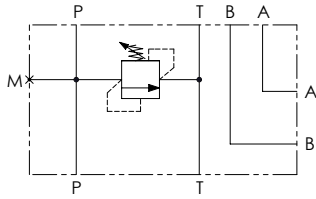


## HYDRAULIC MANIFOLDS

BASI E BLOCCHI



### Schema idraulico - Hydraulic circuit



### Dati tecnici - Technical data

<b>Olio idraulico/Mineral oil</b>	<b>ISO 6743/4 (DIN 51524)</b>		
<b>Viscosità olio/Oil viscosity</b>	<b>15-250 mm<sup>2</sup>/s (15 to 250 cSt)</b>		
<b>Classe di contaminazione max con filtro</b> <i>Max contamination index with filter</i>	<b>ISO 4406:1999 Classe 19/17/14</b>		
<b>Temperatura dell'olio/Oil temperature</b>	<b>-20°C +80°C</b>	<b>-4°F + 176°F</b>	
<b>Temperatura ambiente/Ambient temperature</b>	<b>-20°C +50°C</b>	<b>-4°F + 122°F</b>	
<b>È indispensabile l'utilizzo di un filtro per proteggere la valvola (filtrazione consigliata 15 µm)</b> <i>It is necessary a filter use to protect the valve (advised filtration 15 µm)</i>			

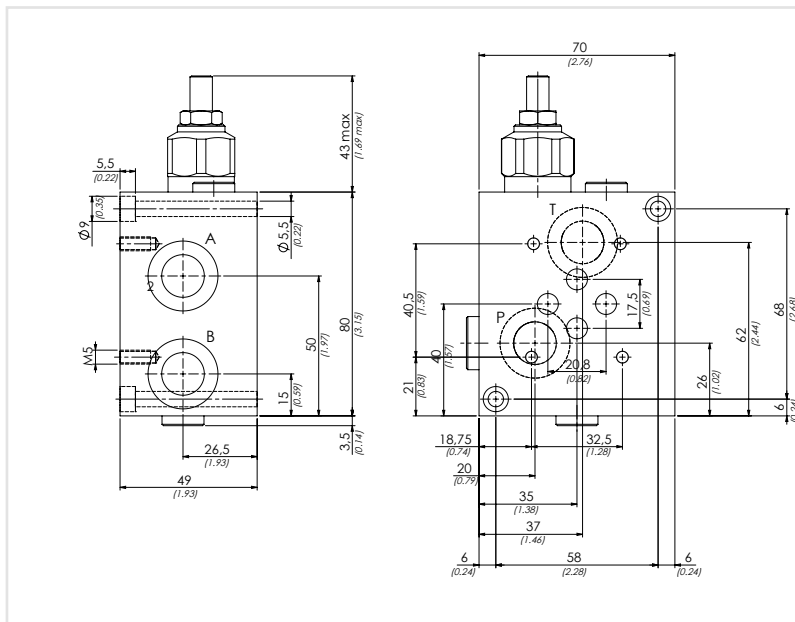
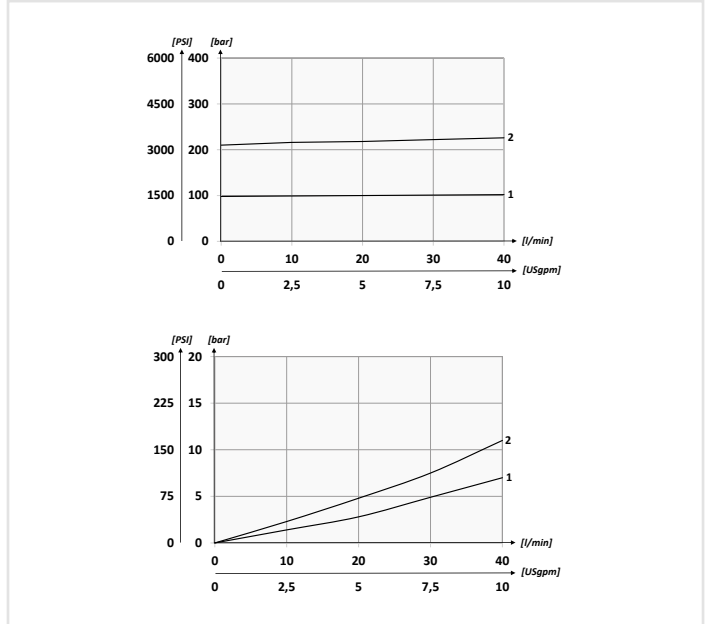
### Caratteristiche tecniche - Technical characteristics

Codice Code	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	Peso approssimativo Approx weight kg/lb	Tipo di valvola Type of valve
<b>BS3</b>	<b>40 (10.6)</b>	<b>210 (3045)</b>	<b>0,8 (1.76)</b>	<b>VMD40S</b>

01	02	03
<b>BS3</b>		

<b>01</b>	Basi singole cetop3 in alluminio - attacchi laterali <i>(Aluminium cetop3 single manifolds - lateral ports)</i>		<b>BS3</b>
<b>02</b>	Regolazione (Setting)	Chiave (Hex socket screw)	<b>C</b>
		Volantino (Handknob) Codice (Code) <b>81300109</b>	<b>V</b>
<b>03</b>	Molla (Spring) <b>10/90 bar (145/1305 PSI) max</b>	Incremento pressione al giro (Press. increase) <b>12 bar/al giro (174 PSI/turn)</b>	<b>1</b>
		Molla (Spring) <b>20/210 bar (290/3045 PSI) max</b>	Incremento pressione al giro (Press. increase) <b>30 bar/al giro (435 PSI/turn)</b>

### Performances

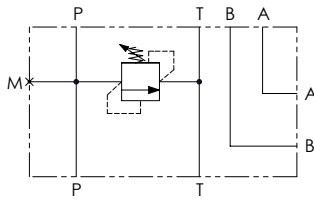


Attacchi - Pressure drops	
<b>P-T-A-B</b>	<b>BSPP3/8</b>
<b>M</b>	<b>BSPP1/4</b>
<p>Il blocco in alluminio può essere utilizzato per pressioni fino a 210 bar (3045 PSI) <i>Aluminium manifold can be used for pressures up to 210 bar (3045 PSI)</i></p>	

[ mm ]  
[ inches ]



Schema idraulico - Hydraulic circuit



### Dati tecnici - Technical data

<b>Olio idraulico/Mineral oil</b>	<b>ISO 6743/4 (DIN 51524)</b>		
<b>Viscosità olio/Oil viscosity</b>	<b>15-250 mm<sup>2</sup>/s (15 to 250 cSt)</b>		
<b>Classe di contaminazione max con filtro</b> Max contamination index with filter	<b>ISO 4406:1999 Classe 19/17/14</b>		
<b>Temperatura dell'olio/Oil temperature</b>	<b>-20°C +80°C</b>	<b>-4°F + 176°F</b>	
<b>Temperatura ambiente/Ambient temperature</b>	<b>-20°C +50°C</b>	<b>-4°F + 122°F</b>	
<b>È indispensabile l'utilizzo di un filtro per proteggere la valvola (filtrazione consigliata 15 µm)</b> It is necessary a filter use to protect the valve (advised filtration 15 µm)			

### Caratteristiche tecniche - Technical characteristics

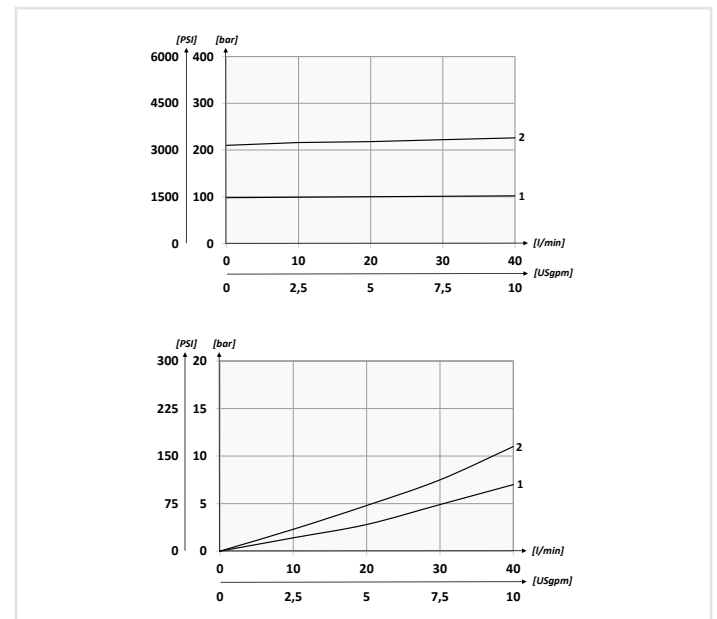
Codice Code	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	Peso approssimativo Approx weight kg/lb	Tipo di valvola Type of valve
<b>BP3</b>	<b>40 (10.6)</b>	<b>210 (3045)</b>	<b>0,72 (1.58)</b>	<b>VMD40S</b>

01	02	03
<b>BP3</b>		

Codice ordinazione  
Ordering code

<b>01</b>	Basi singole cetop3 in alluminio attacchi posteriori (Aluminium cetop3 single manifolds - rear ports)	<b>BP3</b>
<b>02</b>	Regolazione (Setting)	Chiave (Screw)
		Volantino (Handknob) Codice (Code) <b>81300109</b>
<b>03</b>	Molla (Spring) <b>10/90 bar</b> (145/1305 PSI) max	Incremento pressione al giro (Press. increase) <b>12 bar/al giro</b> (174 PSI/turn)
	Molla (Spring) <b>20/210 bar</b> (290/3045 PSI) max	Incremento pressione al giro (Press. increase) <b>30 bar/al giro</b> (435 PSI/turn)

### Performances

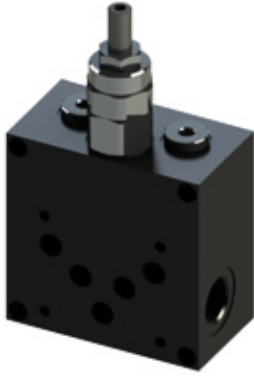


**Attacchi - Pressure drops**

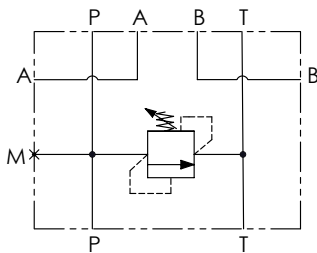
<b>P-T-A-B</b>	<b>BSPP3/8</b>
<b>M</b>	<b>BSPP1/4</b>

Il blocco in alluminio può essere utilizzato per pressioni fino a 210 bar (3045 PSI)  
Aluminium manifold can be used for pressures up to 210 bar (3045 PSI)





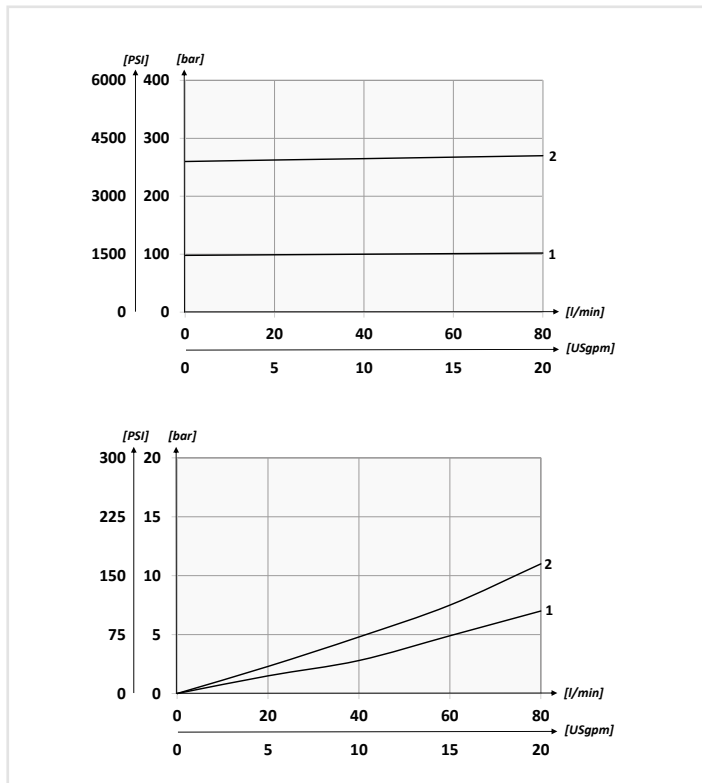
### Schema idraulico - Hydraulic circuit



### Dati tecnici - Technical data

<b>Olio idraulico/Mineral oil</b>	ISO 6743/4 (DIN 51524)	
<b>Viscosità olio/Oil viscosity</b>	15-250 mm <sup>2</sup> /s (15 to 250 cSt)	
<b>Classe di contaminazione max con filtro</b> Max contamination index with filter	ISO 4406:1999 Classe 19/17/14	
<b>Temperatura dell'olio/Oil temperature</b>	-20°C +80°C	-4°F + 176°F
<b>Temperatura ambiente/Ambient temperature</b>	-20°C +50°C	-4°F + 122°F
<b>È indispensabile l'utilizzo di un filtro per proteggere la valvola (filtrazione consigliata 15 µm)</b> It is necessary a filter use to protect the valve (advised filtration 15 µm)		

### Performances



	01	02	03
<b>Codice ordinazione</b> <b>Ordering code</b>	<b>BS5</b>		

<b>01</b>	Basi singole cetop5 in alluminio (Aluminium cetop5 single manifolds)	<b>BS5</b>	
<b>02</b>	Regolazione (Setting)	Chiave (Screw)	<b>C</b>
		Volantino (Handknob) Codice (Code) <b>81300023</b>	<b>V</b>
<b>03</b>	Molla (Spring) <b>10/100 bar (145/1450 PSI) max</b>	Incremento pressione al giro (Press. increase) <b>23 bar/al giro (334 PSI/turn)</b>	<b>1</b>
	Molla (Spring) <b>20/210 bar (290/3045 PSI) max</b>	Incremento pressione al giro (Press. increase) <b>40 bar/al giro (580 PSI/turn)</b>	<b>2</b>

Technical drawings showing front and top views of the BS5 manifold with dimensions in mm (Inches). Dimensions include: 5.5 (0.22), 49 (1.93), 31.5 (1.24), 24.5 (0.96), 90 (3.54), 48.5 (1.91), 15 (0.59), 3.75 (0.15), 20.5 (0.81), 13.75 (0.54), 21 (0.83), 18 (0.71), 5.5 (0.22), 79 (3.11), 18 (0.71), 5.5 (0.22), 90 (3.54), 79 (3.11), 46 (1.81), 3.5 (0.14), 3.5 (0.14), 5.5 (0.22), 5.5 (0.22), 57 max (2.24 max).

Attacchi - Pressure drops

<b>P-T-A-B</b>	<b>BSP1/2</b>
<b>M</b>	<b>BSP1/4</b>

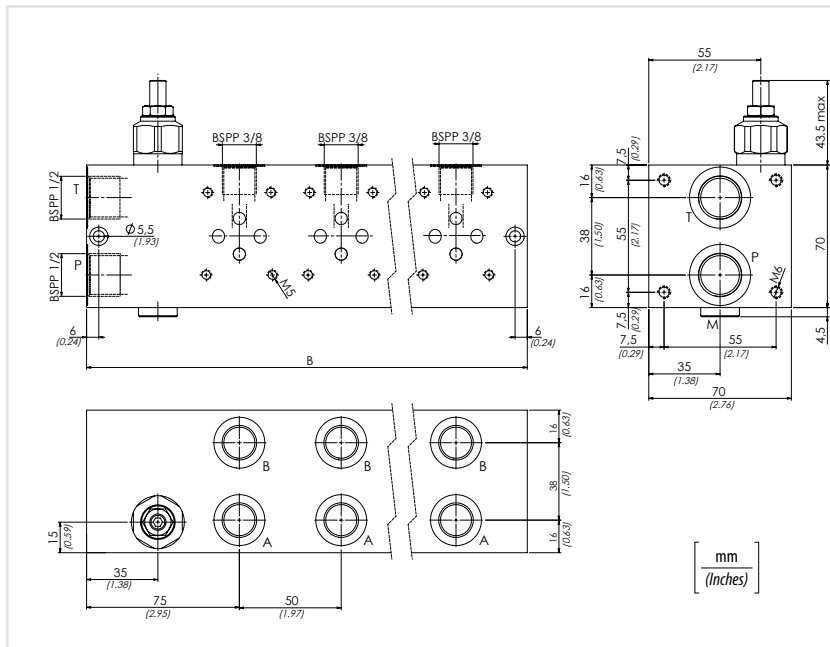
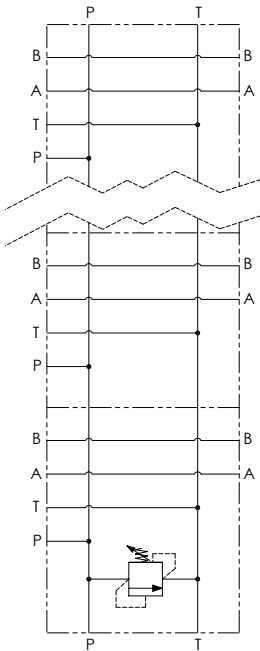
Il blocco in alluminio può essere utilizzato per pressioni fino a 210 bar (3045 PSI)  
Aluminium manifold can be used for pressures up to 210 bar (3045 PSI)

### Caratteristiche tecniche - Technical characteristics

Codice Code	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	Peso approssimativo Approx weight kg/lb	Tipo di valvola Type of valve
<b>BS5</b>	<b>80 (21.1)</b>	<b>210 (3045)</b>	<b>1,20 (2.64)</b>	<b>VMD90</b>



**Schema idraulico**  
**Hydraulic circuit**

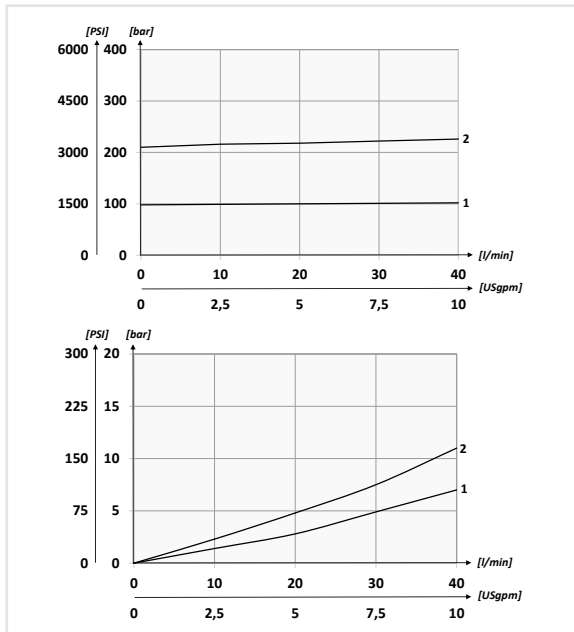


**Attacchi - Pressure drops**

<b>P-T</b>	<b>BSPP1/2</b>
<b>M</b>	<b>BSPP1/4</b>
<b>A-B</b>	<b>BSPP3/8</b>

Il blocco in alluminio può essere utilizzato per pressioni fino a 210 bar (3045 PSI)  
Aluminium manifold can be used for pressures up to 210 bar (3045 PSI)

**Performances**



**Dati tecnici - Technical data**

<b>Olio idraulico/Mineral oil</b>	<b>ISO 6743/4 (DIN 51524)</b>
<b>Viscosità olio/Oil viscosity</b>	<b>15-250 mm<sup>2</sup>/s (15 to 250 cSt)</b>
<b>Classe di contaminazione max con filtro</b> Max contamination index with filter	<b>ISO 4406:1999 Classe 19/17/14</b>
<b>Temperatura dell'olio/Oil temperature</b>	<b>-20°C +80°C      -4°F + 176°F</b>
<b>Temperatura ambiente/Ambient temperature</b>	<b>-20°C +50°C      -4°F + 122°F</b>
<b>È indispensabile l'utilizzo di un filtro per proteggere la valvola (filtrazione consigliata 15 µm)</b> It is necessary a filter use to protect the valve (advised filtration 15 µm)	

**Caratteristiche tecniche - Technical characteristics**

Codice Code	N. di stazioni N. of stations	B	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	Peso approssimativo Approx weight kg/lb	Tipo di valvola Type of valve
<b>BM2</b>	<b>2</b>	<b>160 (6.30)</b>	<b>40 (10.6)</b>	<b>210 (3045)</b>	<b>2,1 (4.6)</b>	<b>VMD40S</b>
<b>BM3</b>	<b>3</b>	<b>210 (8.27)</b>			<b>2,7 (6)</b>	
<b>BM4</b>	<b>4</b>	<b>260 (10.24)</b>			<b>3,3 (7.3)</b>	
<b>BM5</b>	<b>5</b>	<b>310 (12.20)</b>			<b>3,9 (8.6)</b>	
<b>BM6</b>	<b>6</b>	<b>360 (14.17)</b>			<b>4,5 (10)</b>	

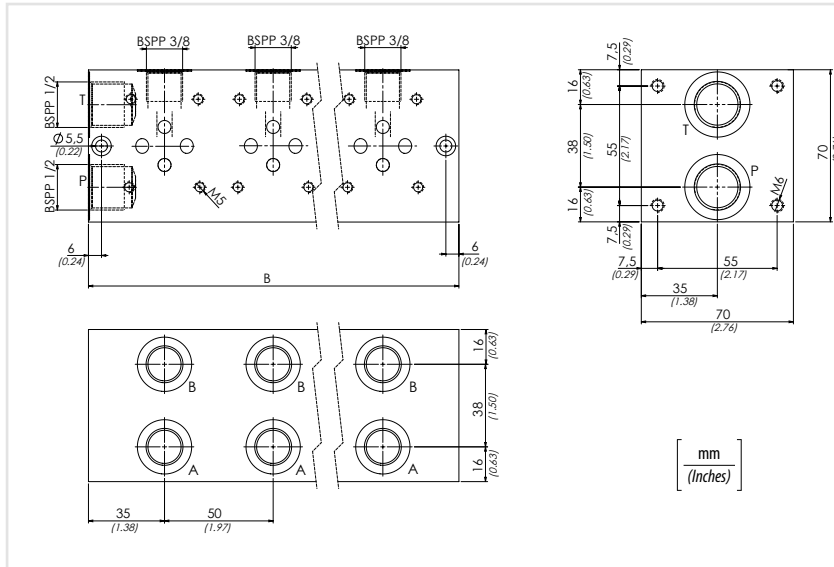
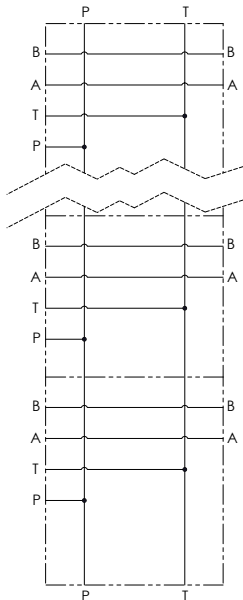


**Codice ordinazione**  
**Ordering code**

01	02	03
<b>BM</b>		<b>A</b>

<b>01</b>	Basi multiple in parallelo in alluminio utilizzi laterali senza valvola di massima (Aluminium parallel multiple manifolds - lateral ports without relief valves)	<b>BM</b>
<b>02</b>	Numero di stazioni Number of stations	2
		3
		4
		5
		6
<b>03</b>	Alluminio (Aluminium)	<b>A</b>

**Schema idraulico**  
**Hydraulic circuit**



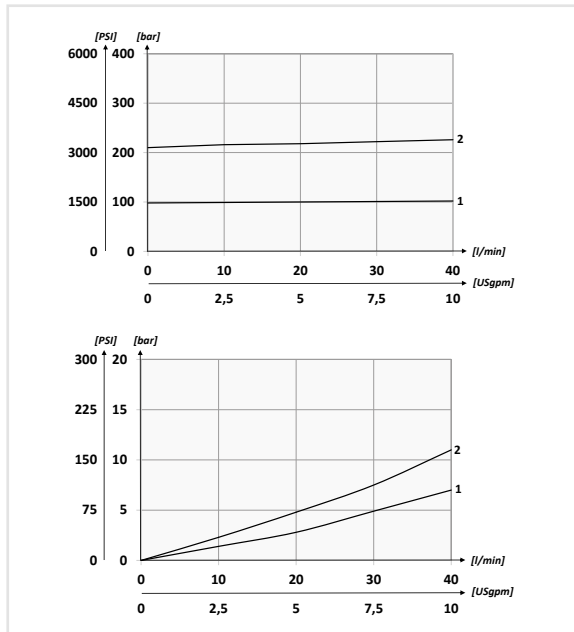
**Attacchi - Pressure drops**

<b>P-T</b>	<b>BSP1/2</b>
<b>M</b>	<b>BSP1/4</b>
<b>A-B</b>	<b>BSP3/8</b>

Il blocco in alluminio può essere utilizzato per pressioni fino a 210 bar (3045 PSI)

Aluminium manifold can be used for pressures up to 210 bar (3045 PSI)

**Performances**

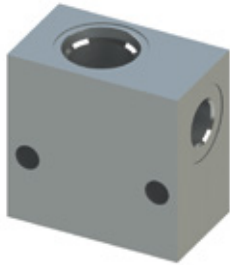


**Dati tecnici - Technical data**

<b>Olio idraulico/Mineral oil</b>	ISO 6743/4 (DIN 51524)
<b>Viscosità olio/Oil viscosity</b>	15-250 mm <sup>2</sup> /s (15 to 250 cSt)
<b>Classe di contaminazione max con filtro</b> Max contamination index with filter	ISO 4406:1999 Classe 19/17/14
<b>Temperatura dell'olio/Oil temperature</b>	-20°C +80°C      -4°F +176°F
<b>Temperatura ambiente/Ambient temperature</b>	-20°C +50°C      -4°F +122°F
<b>È indispensabile l'utilizzo di un filtro per proteggere la valvola (filtrazione consigliata 15 µm)</b> It is necessary a filter use to protect the valve (advised filtration 15 µm)	

**Caratteristiche tecniche - Technical characteristics**

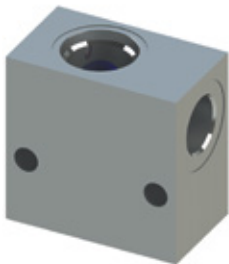
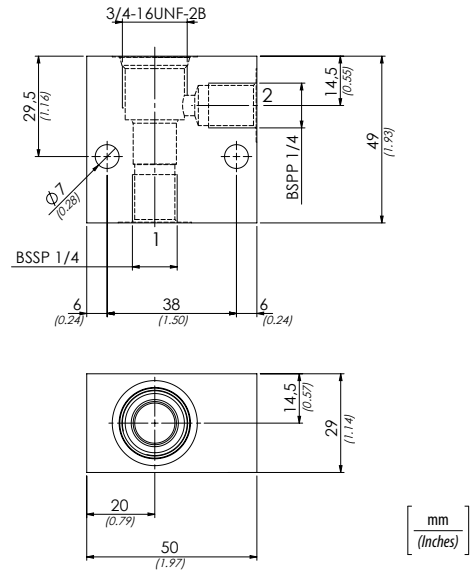
Codice Code	N. di stazioni N. of stations	B	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	Peso approssimativo Approx weight kg/lb
<b>BM2</b>	<b>2</b>	<b>120 (4.72)</b>	<b>40 (10.6)</b>	<b>210 (3045)</b>	<b>1,5 (3.30)</b>
<b>BM3</b>	<b>3</b>	<b>170 (6.69)</b>			<b>2,1 (4.62)</b>
<b>BM4</b>	<b>4</b>	<b>220 (8.66)</b>			<b>2,7 (5.95)</b>
<b>BM5</b>	<b>5</b>	<b>270 (10.63)</b>			<b>3,3 (7.27)</b>
<b>BM6</b>	<b>6</b>	<b>320 (12.60)</b>			<b>3,9 (8.59)</b>



**Cod. 62200032**  
Acciaio (Steel)

**SAE8/2**  
**BSPP1/4**

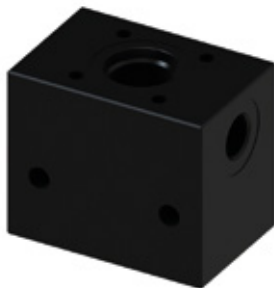
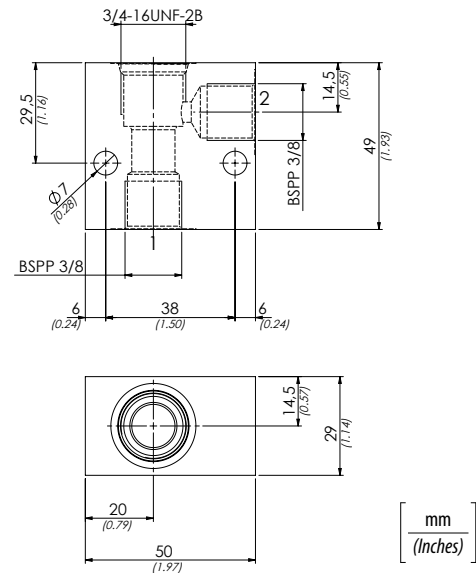
Peso approssimativo (Approx weight)  
0,5 kg (1,1 lb)



**Cod. 62200051**  
Acciaio (Steel)

**SAE8/2**  
**BSPP3/8**

Peso approssimativo (Approx weight)  
0,45 kg (1 lb)



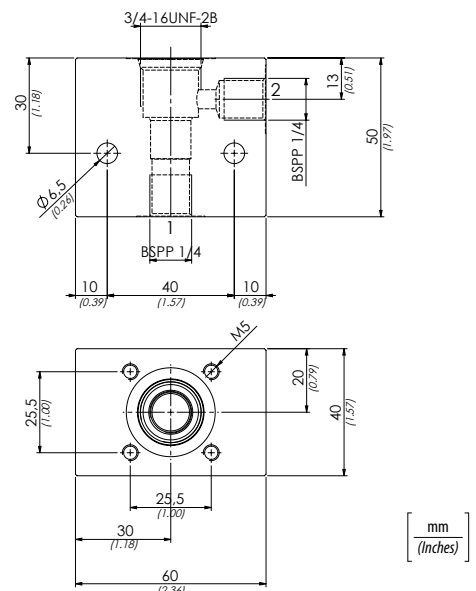
**Cod. 62200023**  
Alluminio (Aluminium)

**PME 5/6/7**

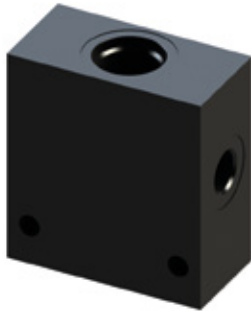
Peso approssimativo (Approx weight)  
0,3 kg (0.66 lb)

Il blocco in alluminio può essere utilizzato  
per pressioni fino a 210 bar

Aluminium manifold can be used  
for pressures up to 3045 PSI





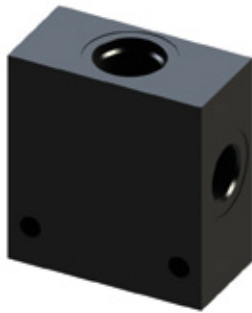
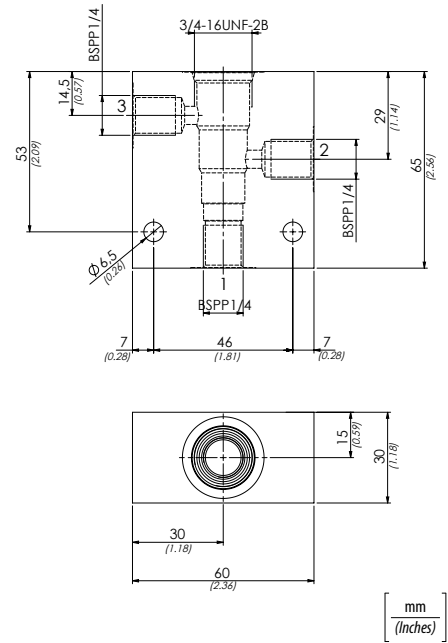


**Cod. 62200357**  
Alluminio (Aluminium)

**SAE8/3**  
**BSPP1/4**

Peso approssimativo (Approx weight)  
0,28 kg (0,62 lb)

Il blocco in alluminio può essere utilizzato per pressioni fino a 210 bar  
Aluminium manifold can be used for pressures up to 3045 PSI

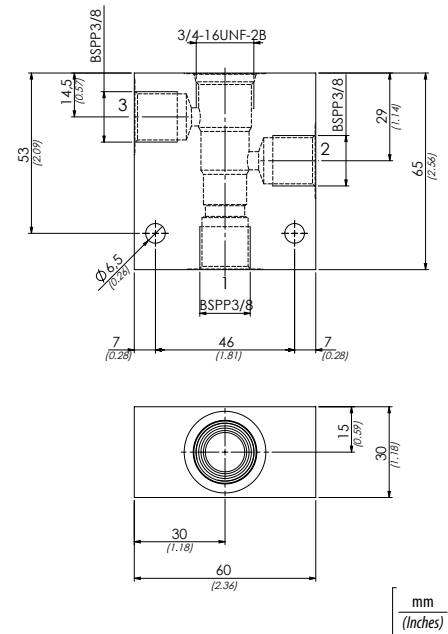


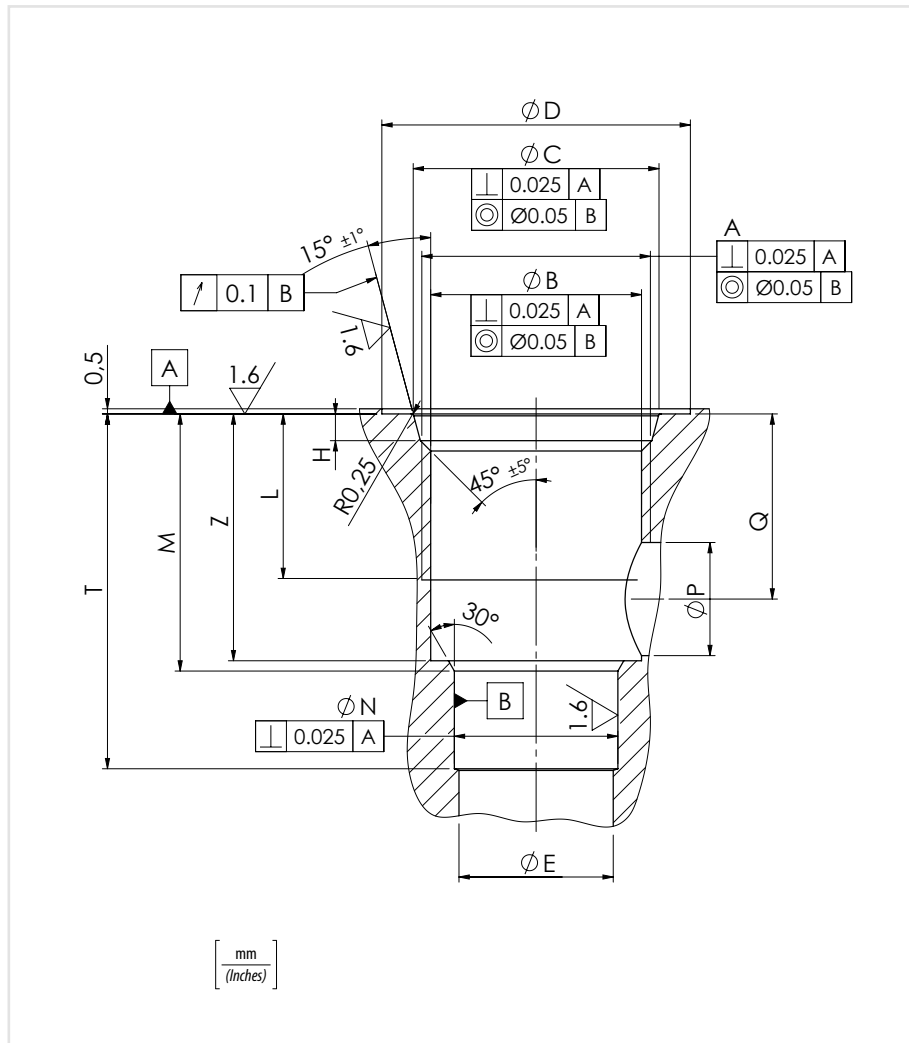
**Cod. 62200358**  
Alluminio (Aluminium)

**SAE8/3**  
**BSPP3/8**

Peso approssimativo (Approx weight)  
0,27 kg (0,60 lb)

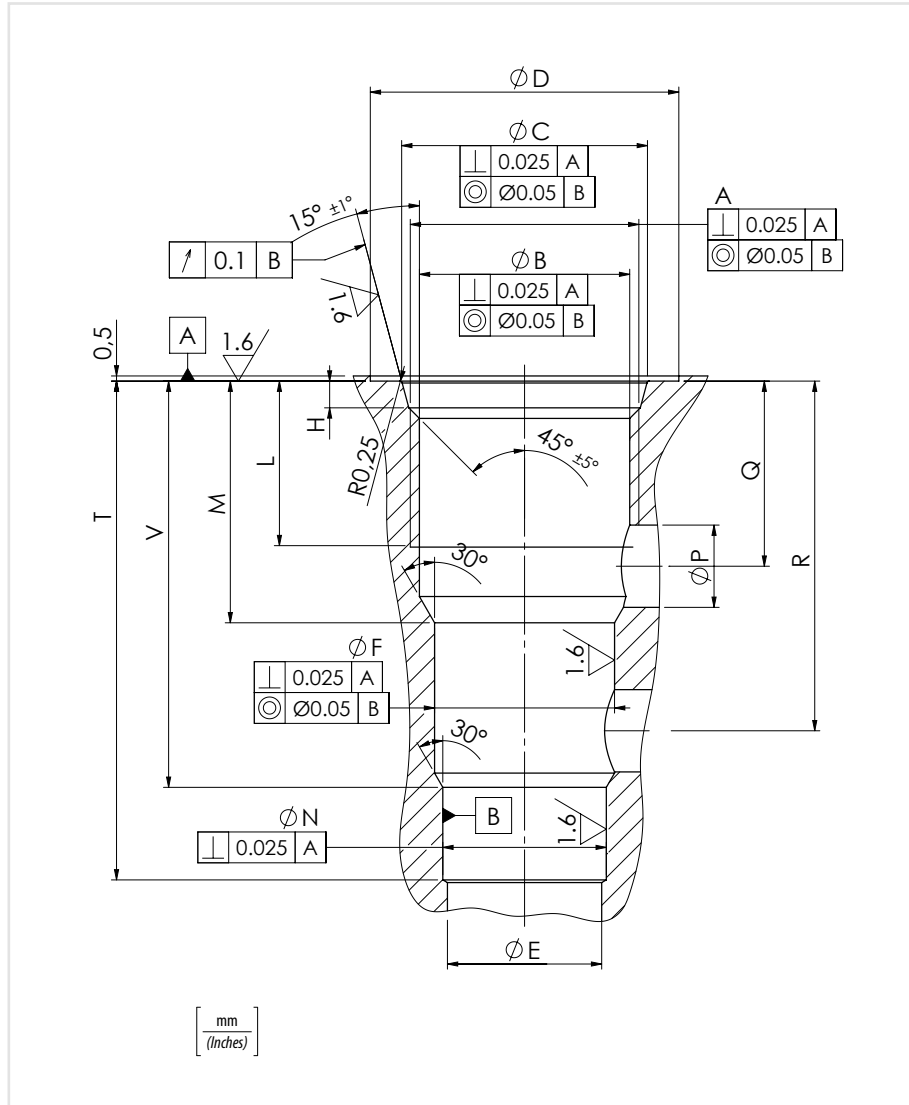
Il blocco in alluminio può essere utilizzato per pressioni fino a 210 bar  
Aluminium manifold can be used for pressures up to 3045 PSI





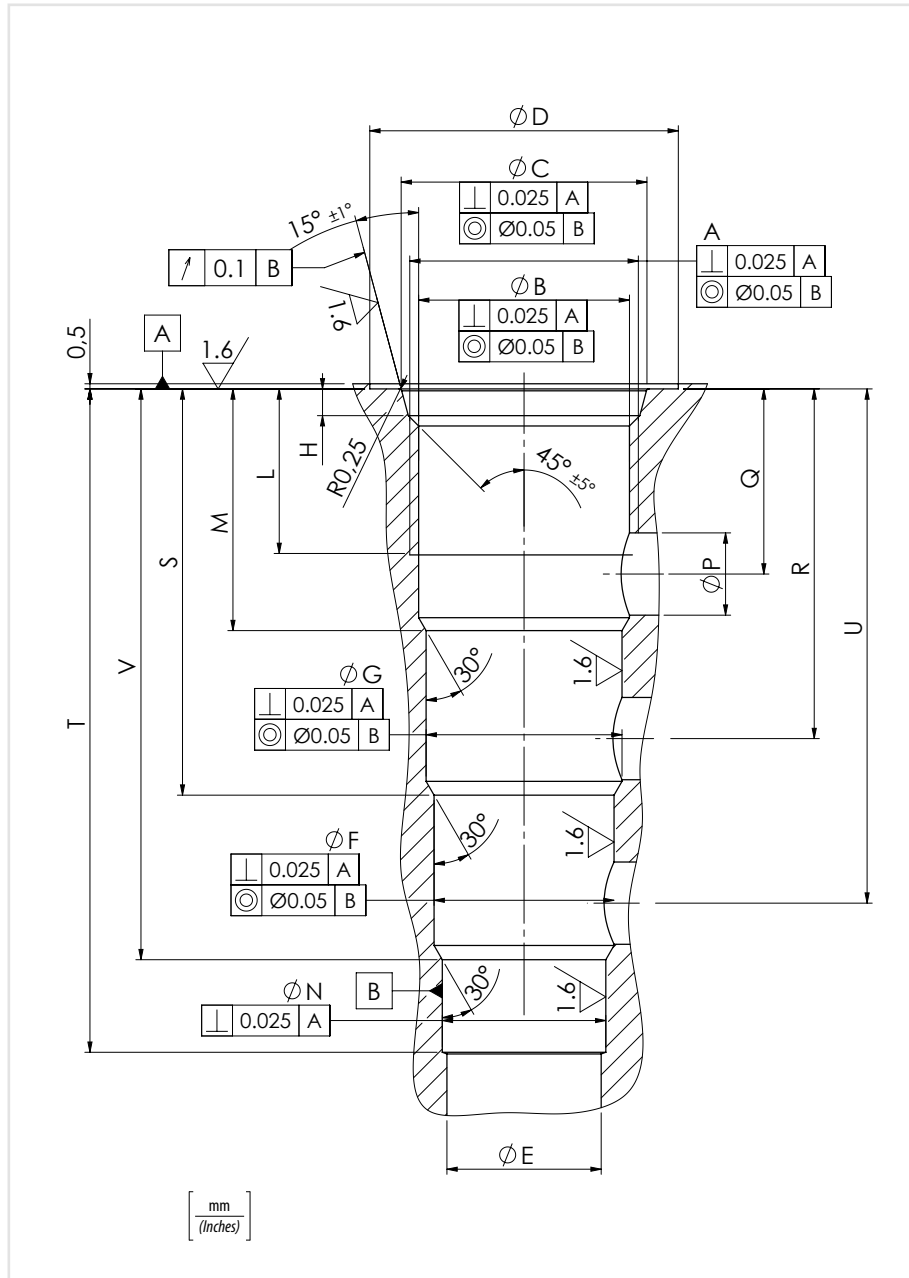
## Dimensioni - Dimensions

Codice Code	A	B 0 +0,1	C 0 +0,1	D 0 +0,5	E Ø max	H 0 +0,3	L	M 0 -0,2	N 0 +0,05	P	Q	T 0 +0,5	Z 0 +0,1
<b>SAE08/2</b>	<b>3/4-16UNF-2B</b>	<b>17,4</b> 0.69	<b>20,6</b> 0.81	<b>27</b> 1.06	<b>12</b> 0.47	<b>2,6</b> 0.10	<b>13</b> 0.51	<b>20,50</b> 0.81	<b>12,7</b> 0.5	<b>9</b> 0.35	<b>14</b> 0.55	<b>29</b> 1.14	<b>19</b> 0.75
<b>SAE10/2</b>	<b>7/8-14UNF-2B</b>	<b>20,5</b> 0.81	<b>23,9</b> 0.94	<b>30</b> 1.18	<b>15</b> 0.59	<b>2,6</b> 0.10	<b>16</b> 0.63	<b>25,5</b> 1.00	<b>15,9</b> 0.63	<b>11</b> 0.43	<b>18</b> 0.71	<b>34,5</b> 1.36	<b>24</b> 0.94
<b>SAE12/2</b>	<b>1-1/16-12UNF-2B</b>	<b>24,9</b> 0.98	<b>29,2</b> 1.15	<b>38</b> 1.50	<b>19</b> 0.75	<b>3,3</b> 0.13	<b>20</b> 0.79	<b>36,5</b> 1.44	<b>22,2</b> 0.87	<b>14</b> 0.55	<b>26</b> 1.02	<b>48</b> 1.89	<b>35,5</b> 1.40
<b>SAE16/2</b>	<b>1-5/16-12UNF-2B</b>	<b>31,3</b> 1.23	<b>35,5</b> 1.40	<b>45</b> 1.77	<b>24</b> 0.94	<b>3,3</b> 0.13	<b>20</b> 0.79	<b>36</b> 1.42	<b>28,6</b> 1.13	<b>14</b> 0.55	<b>25</b> 0.98	<b>49</b> 1.93	<b>35</b> 1.38



## Dimensioni - Dimensions

Codice code	A	B 0 +0,1	C 0 +0,1	D 0 +0,	E Ø max	F 0 +0,05	H 0 +0,3	L	M 0 -0,2	N 0 +0,5	P	Q	R	T 0 +0,5	V ± 0,1
<b>SAE08/3</b>	<b>3/4-16UNF-2B</b>	<b>17,4</b> 0.69	<b>20,6</b> 0.81	<b>27</b> 1.06	<b>12</b> 0.47	<b>15,9</b> 0.63	<b>2,6</b> 0.10	<b>13</b> 0.51	<b>19,5</b> 0.77	<b>14,3</b> 0.56	<b>6</b> 0.24	<b>15</b> 0.59	<b>29</b> 1.14	<b>43</b> 1.69	<b>33,5</b> 1.32
<b>SAE10/3</b>	<b>7/8-14UNF-2B</b>	<b>20,5</b> 0.81	<b>23,9</b> 0.94	<b>30</b> 1.18	<b>15</b> 0.59	<b>17,5</b> 0.69	<b>2,6</b> 0.10	<b>16</b> 0.63	<b>23,5</b> 0.93	<b>15,9</b> 0.63	<b>8</b> 0.31	<b>18</b> 0.71	<b>34</b> 1.34	<b>48,5</b> 1.91	<b>39,5</b> 1.56
<b>SAE12/3</b>	<b>1-1/16-12UNF-2B</b>	<b>24,9</b> 0.98	<b>29,2</b> 1.15	<b>38</b> 1.50	<b>19</b> 0.75	<b>23,8</b> 0.94	<b>3,3</b> 0.13	<b>20</b> 0.79	<b>36,5</b> 1.44	<b>22,2</b> 0.87	<b>14</b> 0.55	<b>28</b> 1.10	<b>53</b> 2.09	<b>73</b> 2.87	<b>61,5</b> 2.42
<b>SAE16/3</b>	<b>1-5/16-12UNF-2B</b>	<b>31,3</b> 1.23	<b>35,5</b> 1.40	<b>45</b> 1.77	<b>24</b> 0.94	<b>28,6</b> 1.13	<b>3,3</b> 0.13	<b>20</b> 0.79	<b>35,5</b> 1.40	<b>27</b> 1.06	<b>14</b> 0.55	<b>25,5</b> 1,00	<b>54</b> 2.13	<b>75</b> 2.95	<b>64</b> 2.52



## Dimensioni - Dimensions

Codice Code	A	B 0 +0,1	C 0 +0,1	D 0 +0,5	E	F 0 +0,05	G 0 +0,05	H 0 +0,3	L	M 0 -0,2	N 0 +0,05	P	Q	R	S ± 0,1	T 0 +0,5	U	V ± 0,1
<b>SAE08/4</b>	<b>3/4-16UNF-2B</b>	<b>17,4</b> 0.69	<b>20,6</b> 0.81	<b>27</b> 1.06	<b>12</b> 0.47	<b>14,3</b> 0.56	<b>15,9</b> 0.63	<b>2,6</b> 0.10	<b>13</b> 0.51	<b>19,5</b> 0.77	<b>12,7</b> 0.50	<b>6</b> 0.24	<b>15</b> 0.59	<b>29</b> 1.14	<b>33,5</b> 1.32	<b>56</b> 2.20	<b>43</b> 1.69	<b>47,5</b> 1.87
<b>SAE10/4</b>	<b>7/8-14UNF-2B</b>	<b>20,5</b> 0.81	<b>23,9</b> 0.94	<b>30</b> 1.18	<b>15</b> 0.59	<b>17,5</b> 0.69	<b>19,05</b> 0.75	<b>2,6</b> 0.10	<b>16</b> 0.63	<b>23,5</b> 0.93	<b>15,9</b> 0.63	<b>8</b> 0.31	<b>18</b> 0.71	<b>34</b> 1.34	<b>39,5</b> 1.56	<b>64,5</b> 2.54	<b>50</b> 1.97	<b>55,5</b> 2.19
<b>SAE12/4</b>	<b>1-1/16-12UNF-2B</b>	<b>24,9</b> 0.98	<b>29,2</b> 1.15	<b>38</b> 1.50	<b>19</b> 0.75	<b>22,2</b> 0.87	<b>23,8</b> 0.94	<b>3,3</b> 0.13	<b>20</b> 0.79	<b>36,5</b> 1.44	<b>20,6</b> 0.81	<b>14</b> 0.55	<b>28</b> 1.1	<b>53</b> 2.09	<b>61,5</b> 2.42	<b>99</b> 3.90	<b>78</b> 3.07	<b>87,5</b> 3.44
<b>SAE16/4</b>	<b>1-5/16-12UNF-2B</b>	<b>31,3</b> 1.23	<b>35,5</b> 1.40	<b>45</b> 1.77	<b>24</b> 0.94	<b>27</b> 1.06	<b>28,6</b> 1.13	<b>3,3</b> 0.13	<b>20</b> 0.79	<b>35,5</b> 1.40	<b>25,4</b> 1.00	<b>16</b> 0.63	<b>25</b> 0.98	<b>53,5</b> 2.11	<b>64</b> 2.52	<b>92,5</b> 3.64	<b>82</b> 3.23	<b>92,5</b> 3.64



