

Materials			
Material-Nr.	DIN / EN	Grade	ASME
1.4571	EN 10222-5	B8M, cl. 1	SA-193
1.7225	EN 10269	B7	SA-193
1.7711	EN 10269	B16	SA-193
1.7709	EN 10269	-	-
1.1181	EN 10269	-	-

Certification:
 According AD-2000; W2, W7, W10
 Certificate according to DIN EN 10204-3.1,
 DIN EN 10204-3.2 and ASME-Code possible.

Surface treatment:

- Grinding
- Electro-Polishing
- Nickel Plating
- Hard-Chrome Plating
- Blasting
- Bare Pickling
- Veralit Plating
- Galvanizing (blue, yellow)

Other Surface treatments on request.

For mounting options see www.screw-clamps.com

In cooperation with



Screw Clamps Fittings																																																																																																																																																																																																																																						
	<p>Execution: similar to DIN 1587 produced by machining or forging</p> <p>Material: 1.1181 acc. to DIN EN 10083 + 10269 1.4301 acc. to DIN EN 10222-5 1.7218 acc. to DIN EN 10269 Gr. 2H acc. to ASME SA-194 Gr. 8 acc. to ASME SA-194 with inspection certificate acc. to DIN EN 10204 - 3.1</p> <p>Thread: ISO - DIN 13, tolerance 6 H Unspecified dimensions acc. to DIN 1587</p>																																																																																																																																																																																																																																					
	<p>Execution: Drop forged, without cracks and wrinkles surface sandblasted</p> <p>Material: 1.4541 acc. to DIN EN 10222-5 Gr. 8T acc. to ASME SA-194 with inspection certificate acc. to DIN EN 10204 - 3.1</p> <p>Thread: ISO - DIN 13, tolerance 6 H Dimensional variation of the external shape permitted acc. to DIN EN 10243</p>																																																																																																																																																																																																																																					
	<table border="1"> <thead> <tr> <th></th> <th>Gewinde</th> <th>d3</th> <th>e</th> <th>f</th> <th>t</th> <th>m</th> <th>s</th> <th>w</th> <th>h</th> <th>B</th> <th>H</th> <th>D</th> <th>d1</th> <th>d</th> <th>Weight kg/%</th> </tr> </thead> <tbody> <tr> <td rowspan="7">Cap-nut</td> <td>M10</td> <td>16</td> <td>18</td> <td>12</td> <td>26</td> <td>10</td> <td>17</td> <td>2</td> <td>31</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3,7</td> </tr> <tr> <td>M12</td> <td>18</td> <td>22</td> <td>15</td> <td>32</td> <td>12</td> <td>19</td> <td>3</td> <td>38</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5,0</td> </tr> <tr> <td>M16</td> <td>22</td> <td>28</td> <td>20</td> <td>38</td> <td>14</td> <td>24</td> <td>3</td> <td>45</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7,5</td> </tr> <tr> <td>M20</td> <td>28</td> <td>34</td> <td>22</td> <td>44</td> <td>18</td> <td>30</td> <td>3</td> <td>52</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>14,8</td> </tr> <tr> <td>M24</td> <td>34</td> <td>42</td> <td>25</td> <td>53</td> <td>23</td> <td>36</td> <td>3</td> <td>60</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>25,4</td> </tr> <tr> <td>M27</td> <td>38</td> <td>47</td> <td>29</td> <td>59</td> <td>25</td> <td>41</td> <td>4</td> <td>68</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>35,0</td> </tr> <tr> <td>M30</td> <td>45</td> <td>53</td> <td>36</td> <td>70</td> <td>28</td> <td>46</td> <td>5</td> <td>80</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>54,0</td> </tr> <tr> <td>M33</td> <td>48</td> <td>57</td> <td>41</td> <td>79</td> <td>30</td> <td>50</td> <td>5</td> <td>89</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>70,0</td> </tr> <tr> <td>M56x2</td> <td>70</td> <td>95</td> <td>60</td> <td>120</td> <td>56</td> <td>85</td> <td>5</td> <td>150</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td rowspan="4">Wing nuts</td> <td>M10</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>13</td> <td>62</td> <td>39</td> <td>24</td> <td>17</td> <td>6</td> <td>7,1</td> </tr> <tr> <td>M12</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>15</td> <td>81</td> <td>53</td> <td>26</td> <td>19</td> <td>8</td> <td>12,0</td> </tr> <tr> <td>M16</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>20</td> <td>112</td> <td>77</td> <td>35</td> <td>24</td> <td>10</td> <td>27,8</td> </tr> <tr> <td>M20</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>25</td> <td>150</td> <td>95</td> <td>40</td> <td>30</td> <td>10</td> <td>48,3</td> </tr> <tr> <td>M24</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>30</td> <td>170</td> <td>113</td> <td>45</td> <td>36</td> <td>12</td> <td>65,2</td> </tr> </tbody> </table>		Gewinde	d3	e	f	t	m	s	w	h	B	H	D	d1	d	Weight kg/%	Cap-nut	M10	16	18	12	26	10	17	2	31						3,7	M12	18	22	15	32	12	19	3	38						5,0	M16	22	28	20	38	14	24	3	45						7,5	M20	28	34	22	44	18	30	3	52						14,8	M24	34	42	25	53	23	36	3	60						25,4	M27	38	47	29	59	25	41	4	68						35,0	M30	45	53	36	70	28	46	5	80						54,0	M33	48	57	41	79	30	50	5	89						70,0	M56x2	70	95	60	120	56	85	5	150								Wing nuts	M10								13	62	39	24	17	6	7,1	M12								15	81	53	26	19	8	12,0	M16								20	112	77	35	24	10	27,8	M20								25	150	95	40	30	10	48,3	M24								30	170	113	45	36	12	65,2
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Walter G. Rathmann
 Segmentklammerschrauben GmbH & Co. KG

Alte Emser Straße 32
 DE-56077 Koblenz

Phone: +49 (0) 261 - 66 0 77
 Fax: +49 (0) 261 - 67 12 43

Mail: info@wgr-rathmann.com
 Homepage: www.wgr-rathmann.com

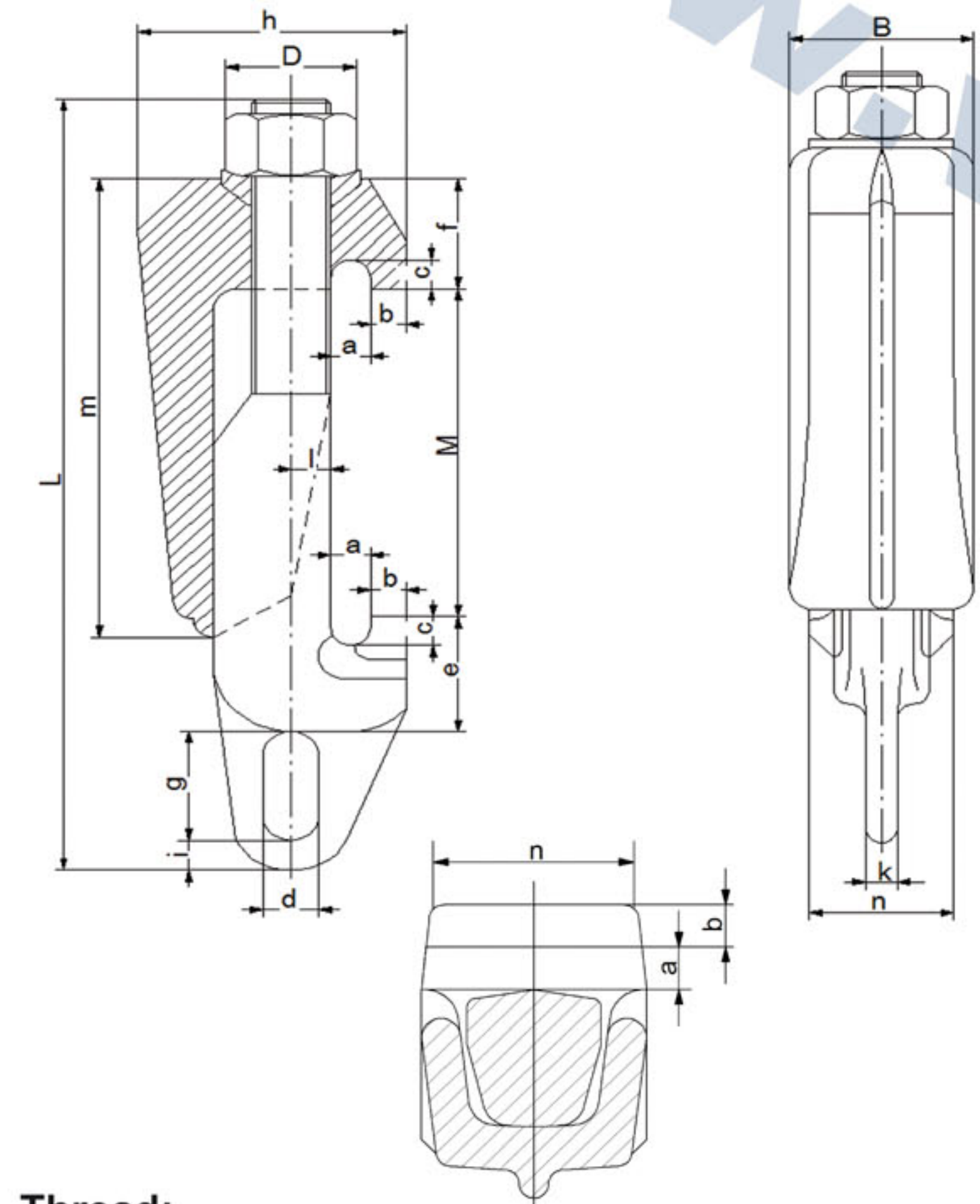
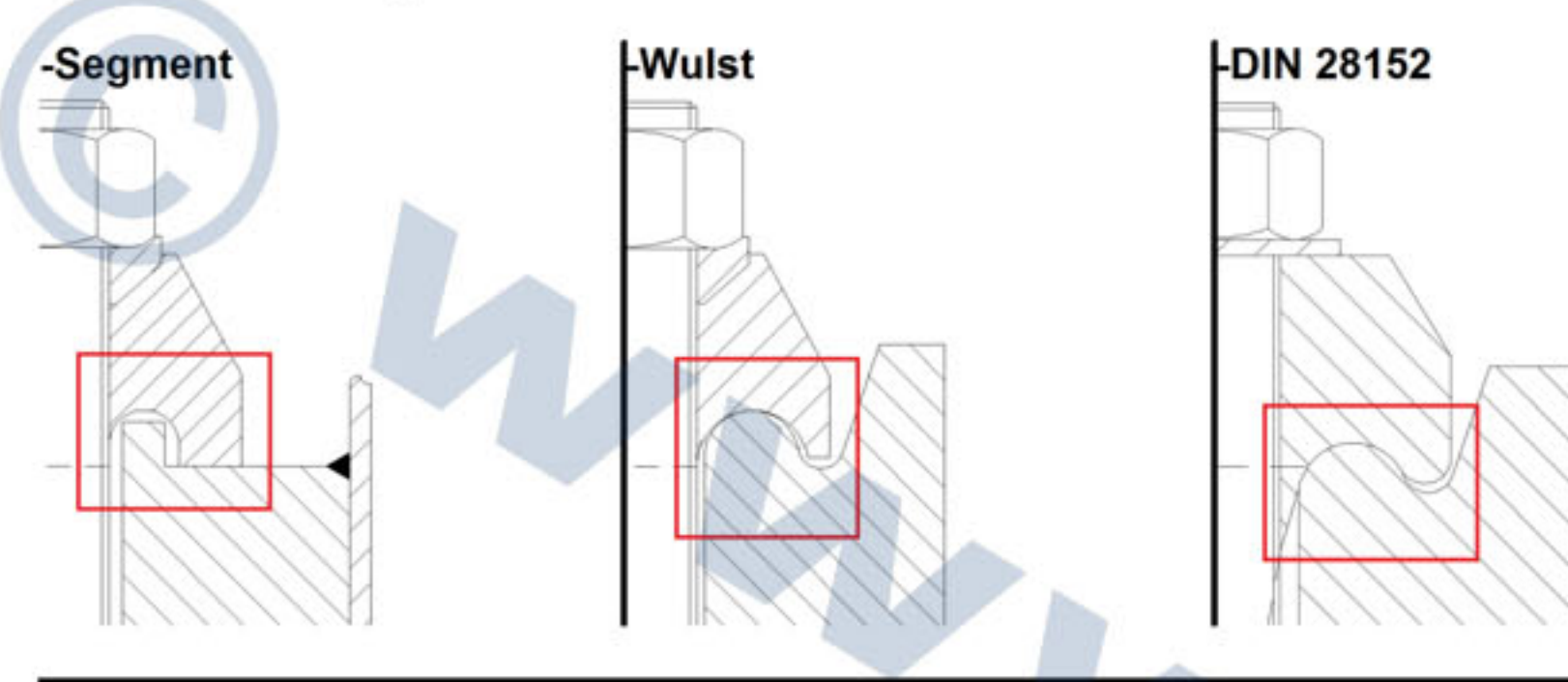


- Screw-Clamps
- Spherical Washers
- Clamp Flanges
- Cap-Nuts



**Your Partner for
 Quality and Safety**

Screw Clamps Execution



Thread:

According to DIN ISO 13-1, tolerance 6g
also possible in UN or UNC

Permissible loads and torques:

See www.screw-clamps.com

Execution:

Drop forged, without cracks and folds
acc. DIN EN 10243-1, completely processed



Screw Clamps Maintenance

Type	Clamping length	Length	Width	Dimensions													Weight kg/pcs.
				D	M	L	B	a	b	c	d	e	f	g	h	i	
M 10-K	13 - 24	83	25	4	4	4	6	13	12	15	27	5	6	5	43	20	0,16
M 10-L	22 - 33	94															0,18
M 10-LS	70 - 83	143															14
M 12-L	28 - 56	133	34	4	5	4	8	18	20	16	38	6	8	6	70	30	0,50
M 16-K	40 - 60	165	40	6	7	5	12	25	25	25	58	8	8	8	92	32	1,13
M 16-L	55 - 85	192															1,21
M 16-L2	80 - 110	213															1,28
M 16-LS	95 - 125	234															1,40
M 20-K	50 - 75	195	48	10	9	8	14	30	30	30	73	8	8	10	115	42	1,95
M 20-L	65 - 90	212															2,00
M 20-L2	90 - 130	252															2,20
M 24-K	65 - 95	230	52	10	11	8	14	34	34	30	78	9	10	12	130	46	2,65
M 24-L	90 - 130	265															3,00
M 24-L2	120 - 160	295															3,20
M 24-LS	155 - 195	335															3,40
M 24-LT*	200 - 240	380															3,70
M 24-LU*	245 - 285	425															4,30
M 24-LX	290 - 330	470															4,80
M 27-K	85 - 110	290															63
M 27-L	115 - 145	327	5,00														
M 27-L2	150 - 195	375	5,45														
M 27-L3	205 - 255	435	6,15														
M 27-L4*	260 - 300	480	6,70														
M 27-L5*	300 - 340	520	7,40														
M 27-LS	340 - 385	565	7,70														
M 27-LT*	390 - 430	610	8,60														
M 27-LX	440 - 480	680	9,50														
M 30 on demand			63	10	16	8	14	52	45	40	85	9	10	15	155	55	
M 33-K	100 - 150	380	75	14	20	10	24	65	60	48	104	10	12	18	205	60	9,20
M 33-L	150 - 200	430															10,20
M 33-L2	200 - 250	480															10,90
M 33-L3	250 - 300	530															11,40
M 33-L4	305 - 355	597															12,50
M 33-L5*	355 - 405	647															13,20
M 33-LX	380 - 430	655															13,50
M 33-LX2*	440 - 490	715															15,20
M 33-LY	510 - 560	810	16,50														
M 56-L	200 - 245	523	115	14	26	10	22	84	65	40	160	17	12	30	310	100	30,15
M 56-L2	260 - 350	640															34,00

Other openings and sizes available on request.