

AERO

SA390-3



SA390-3

SA390-3



4HX

6HX



∅ d ₁ M	P mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm		
3	0.50	56	5.5	18	3.5	2.7	3	2.50
4	0.70	63	7.5	21	4.5	3.4	3	3.30
5	0.80	70	9.0	25	6.0	4.9	3	4.20
6	1.00	80	11.0	30	6.0	4.9	3	5.00
8	1.25	90	12.5	35	8.0	6.2	3	6.80
10	1.50	100	14.0	39	10.0	8.0	3	8.50
12	1.75	110	14.0		9.0	7.0	4	10.20
14	2.00	110	14.0		11.0	9.0	4	12.00
16	2.00	110	18.0		12.0	9.0	4	14.00
20	2.50	140	24.0		16.0	12.0	4	17.50
24	3.00	160	27.0		18.0	14.5	4	21.00

∅ d ₁ M	P mm	l ₁ mm	l ₂ mm	d ₂ mm	a mm			ID	ID
4	0.70	63	14.0	4.5	3.4	3	3.30	149673	149674
5	0.80	70	15.0	6.0	4.9	3	4.20	149693	149694
6	1.00	80	20.0	6.0	4.9	3	5.00	149707	149708
8	1.25	90	25.0	8.0	6.2	3	6.80	149736	149737
10	1.50	100	30.0	10.0	8.0	3	8.50	149754	149755
12	1.75	110	35.0	12.0	9.0	4	10.20		149775
14	2.00	110	40.0	16.0	12.0	4	12.00		* 149792
16	2.00	110	40.0	16.0	12.0	4	14.00		149816

Δ 4HX = = 6.70



AERO

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$\varnothing d_1$ M	P mm	l_1 mm	l_2 mm	l_3 mm	d_2 mm	a mm		
3	0.50	56	12.0		3.5	2.7	3	2.50
4	0.70	63	14.0		4.5	3.4	3	3.30
5	0.80	70	15.0		6.0	4.9	3	4.20
6	1.00	80	15.0	23	6.0	4.9	3	5.00
8	1.25	90	18.0	29	8.0	6.2	3	6.70
10	1.50	100	20.0	33	10.0	8.0	3	8.50

ID

ID

147975	147987
147976	147988
147977	147989
147978	147990
147979	147991
147980	147992



$\varnothing d_1$ M	P mm	l_1 mm	l_2 mm	l_3 mm	d_2 mm	a mm		
3	0.50	56	12.0		3.5	2.7	3	2.50
4	0.70	63	14.0		4.5	3.4	3	3.30
5	0.80	70	15.0		6.0	4.9	3	4.20
6	1.00	80	15.0	23	6.0	4.9	3	5.00
8	1.25	90	18.0	29	8.0	6.2	3	6.80
10	1.50	100	20.0	33	10.0	8.0	3	8.50

ID

ID

147981	147993
147982	147994
147983	147995
147984	147996
147985	147997
147986	147998

AERO

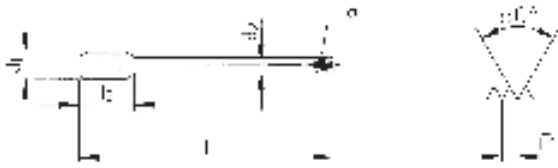
SA420-4

SA450-3

SA420-4



SA450-3



$\varnothing d_1$ M	P mm	l_1 mm	l_2 mm	d_2 mm	α mm		
12	1.75	110	24.0	9.0	7.0	4	10.20
14	2.00	110	28.0	11.0	9.0	4	12.00
16	2.00	110	30.0	12.0	9.0	4	14.00

ID

ID

148096	152189
* 152187	* 152190
* 152188	* 152191

6HX

6HX

$\varnothing d_1$ M	P mm	l_1 mm	l_2 mm	d_2 mm	α mm		
12	1.75	110	24.0	9.0	7.0	4	10.20
14	2.00	110	28.0	11.0	9.0	4	12.00
16	2.00	110	30.0	12.0	9.0	4	14.00

ID

ID

152198	152201
* 152199	* 152202
152200	152203

AERO

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$\varnothing d_1$ MF	P mm	l_1 mm	l_2 mm	d_2 mm	α mm		
8	1.00	90	25.0	8.0	6.2	3	7.00
10	1.00	100	30.0	10.0	8.0	3	9.00
10	1.25	100	30.0	10.0	8.0	3	8.80
12	1.00	110	35.0	12.0	9.0	4	11.00
12	1.50	110	35.0	12.0	9.0	4	10.50
14	1.50	110	40.0	16.0	12.0	4	12.50

ID

149735

149751

149753

149769

149773

149790

MF



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4HX

4HX



∅ d ₁ MF	P mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm		
4	0.50	63	14.0		4.5	3.4	3	3.50
5	0.50	70	15.0		6.0	4.9	3	4.50
6	0.50	80	15.0	23	6.0	4.9	3	5.50
8	1.00	90	18.0	29	8.0	6.2	3	7.00
10	1.00	100	20.0	33	10.0	8.0	3	9.00

ID

ID

* 149077	* 149079
149142	149144
149193	
149304	149306
149362	149364

6HX

6HX

∅ d ₁ MF	P mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	a mm		
4	0.50	63	14.0		4.5	3.4	3	3.50
5	0.50	70	15.0		6.0	4.9	3	4.50
6	0.50	80	15.0	23	6.0	4.9	3	5.50
8	1.00	90	18.0	29	8.0	6.2	3	7.00
10	1.00	100	20.0	33	10.0	8.0	3	9.00

ID

ID

149081	149083
149146	149148
* 149197	* 149199
149308	149310
149366	149368

AERO

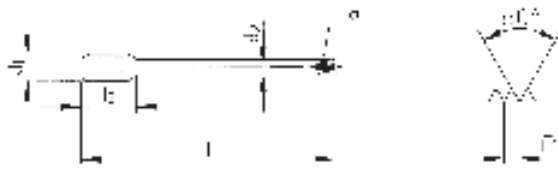
SA420-4

SA450-3

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SA450-3



∅ d ₁ MF	P mm	l ₁ mm	l ₂ mm	d ₂ mm	a mm		
12	1.00	100	19.0	9.0	7.0	4	11.00
12	1.50	100	24.0	9.0	7.0	4	10.50
14	1.50	100	24.0	11.0	9.0	4	12.50
16	1.50	100	26.0	12.0	9.0	4	14.50

ID

ID

152209	* 148964
152208	152213
* 152210	* 152214
* 152212	* 152216

∅ d ₁ MF	P mm	l ₁ mm	l ₂ mm	d ₂ mm	a mm		
12	1.00	100	19.0	9.0	7.0	4	11.00
12	1.50	100	24.0	9.0	7.0	4	10.50
14	1.50	100	24.0	11.0	9.0	4	12.50
16	1.00	100	23.0	12.0	9.0	4	15.00
16	1.50	100	26.0	12.0	9.0	4	14.50

ID

ID

* 152228	148967
152227	152232
152229	152233
* 152231	* 152235

		AERO		SA390-3							
<p>SA390-3</p>											
$\varnothing'' d_1$ UNC	P TPI	d_1 mm	l_1 mm	l_2 mm	l_3 mm	d_2 mm	a mm				
6	32	3.50	56	6.5	20	4.0	3.0	3	2.75		
8	32	4.16	63	7.5	21	4.5	3.4	3	3.40		
10	24	4.82	70	9.0	25	6.0	4.9	3	3.80		
1/4	20	6.35	80	11.0	30	7.0	5.5	3	5.10		
5/16	18	7.93	90	12.5	35	8.0	6.2	3	6.50		
3/8	16	9.52	100	14.0	39	10.0	8.0	3	8.00		
7/16	14	11.11	100	14.0		8.0	6.2	3	9.30		
1/2	13	12.70	110	14.0		9.0	7.0	4	10.80		
5/8	11	15.87	110	18.0		12.0	9.0	4	13.60		
3/4	10	19.05	125	21.0		14.0	11.0	4	16.60		
										<p>3B UNC(J)</p>	
$\varnothing'' d_1$ UNC	P TPI	d_1 mm	l_1 mm	l_2 mm		d_2 mm	a mm			UNC	ID
4	40	2.84	56	12.0		3.5	2.7	3	2.30		149652
6	32	3.50	56	13.0		4.0	3.0	3	2.80		149666
8	32	4.16	63	14.0		4.5	3.4	3	3.45		149677
10	24	4.82	70	15.0		6.0	4.9	3	3.90		149685
1/4	20	6.35	80	20.0		7.0	5.5	3	5.20		149713
5/16	18	7.93	90	25.0		8.0	6.2	3	6.70		149726
3/8	16	9.52	100	30.0		10.0	8.0	3	8.10		149747



AERO

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2B

2B



Ø" d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	α mm		
4	40	2.84	56	12.0		3.5	2.7	3	2.25
5	40	3.17	56	12.0		3.5	2.7	3	2.55
6	32	3.50	56	13.0		4.0	3.0	3	2.75
8	32	4.16	63	14.0		4.5	3.4	3	3.40
10	24	4.82	70	15.0		6.0	4.9	3	3.80
1/4	20	6.35	80	15.0	23	7.0	5.5	3	5.10
5/16	18	7.93	90	18.0	29	8.0	6.2	3	6.50
3/8	16	9.52	100	20.0	33	10.0	8.0	3	8.00

ID

ID

147271	149003
* 149031	* 149033
149055	149057
149093	149095
149125	149127
149222	149224
149269	149271
149346	149348

3B
UNC(J)

3B
UNC(J)

Ø" d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	α mm		
4	40	2.84	56	12.0		3.5	2.7	3	2.30
5	40	3.17	56	12.0		3.5	2.7	3	2.60
6	32	3.50	56	13.0		4.0	3.0	3	2.80
8	32	4.16	63	14.0		4.5	3.4	3	3.45
10	24	4.82	70	15.0		6.0	4.9	3	3.90
1/4	20	6.35	80	15.0	23	7.0	5.5	3	5.20
5/16	18	7.93	90	18.0	29	8.0	6.2	3	6.70
3/8	16	9.52	100	20.0	33	10.0	8.0	3	8.10

ID

ID

149005	149007
* 149035	* 149037
149059	149061
149097	149099
149129	149131
149226	149228
149273	149275
149350	149352

AERO

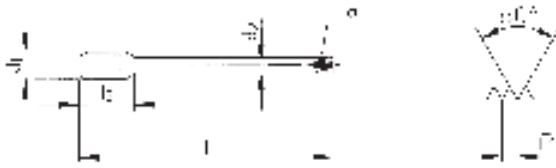
SA420-4

SA450-3

SA420-4



SA450-3



Ø" d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	d ₂ mm	a mm		
7/16	14	11.11	100	22.0	8.0	6.2	* 4	9.30
1/2	13	12.70	110	24.0	9.0	7.0	4	10.80
5/8	11	15.87	110	30.0	12.0	9.0	4	13.60
3/4	10	19.05	125	33.0	14.0	11.0	4	16.60

ID

ID

* 152246	* 152251
152247	152252
152249	152254
* 152250	* 152255



Ø" d ₁ UNC	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	d ₂ mm	a mm		
7/16	14	11.11	100	22.0	8.0	6.2	* 4	9.40
1/2	13	12.70	110	24.0	9.0	7.0	4	10.90

ID

ID

* 152266	* 152271
* 152267	* 152272

* SA420-4 = 3
* TL420VS-4 = 3

AERO

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$\varnothing'' d_1$ UNF	P TPI	d_1 mm	l_1 mm	l_2 mm	d_2 mm	α mm			ID
10	32	4.82	70	15.0	6.0	4.9	3	4.10	149687
1/4	28	6.35	80	20.0	7.0	5.5	3	5.55	149715
5/16	24	7.93	90	25.0	8.0	6.2	3	7.00	149728
3/8	24	9.52	100	30.0	10.0	8.0	3	8.60	149745

UNF



AERO

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SA350-3

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SA350-3



2B

2B



Ø" d ₁ UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	α mm		
10	32	4.82	70	15.0		6.0	4.9	3	4.05
1/4	28	6.35	80	15.0	23	7.0	5.5	3	5.50
5/16	24	7.93	90	18.0	29	8.0	6.2	3	6.90
3/8	24	9.52	100	20.0	33	10.0	8.0	3	8.50

ID

ID

149133

149135

149230

149232

149277

149279

149339

149341

3B
UNF(J)

3B
UNF(J)

Ø" d ₁ UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	l ₃ mm	d ₂ mm	α mm		
4	48	2.84	56	12.0		3.5	2.7	3	2.35
10	32	4.82	70	15.0		6.0	4.9	3	4.10
1/4	28	6.35	80	15.0	23	7.0	5.5	3	5.55
5/16	24	7.93	90	18.0	29	8.0	6.2	3	7.00
3/8	24	9.52	100	20.0	33	10.0	8.0	3	8.60

ID

ID

146098

149015

146404

149138

146393

149235

147165

149282

149344

AERO

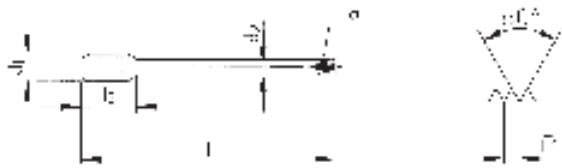
SA420-4

SA450-3

SA420-4



SA450-3



Ø" d ₁ UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	d ₂ mm	a mm		
7/16	20	11.11	100	22.0	8.0	6.2	* 4	9.80
1/2	20	12.70	100	24.0	9.0	7.0	4	11.40
9/16	18	14.28	100	24.0	11.0	9.0	4	12.90
5/8	18	15.87	100	26.0	12.0	9.0	4	14.50

ID

ID

152286

152290

152287

152291

* 152288

* 152289

Ø" d ₁ UNF	P TPI	d ₁ mm	l ₁ mm	l ₂ mm	d ₂ mm	a mm		
7/16	20	11.11	100	22.0	8.0	6.2	* 4	10.00
1/2	20	12.70	100	24.0	9.0	7.0	4	11.55
9/16	18	14.28	100	24.0	11.0	9.0	4	13.05
5/8	18	15.87	100	26.0	12.0	9.0	4	14.60

ID

ID

147187

152302

147189

152303

146395

147169

* SA420-4 = 3

* TL420VS-4 = 3