

# Square Hollow Section (SHS)

**Types:** Polished  
**Grades:** 304, 316  
**Finishes:** 180 Grit (note: corners not polished).  
**Unit of Supply:** 6m lengths  
**Certification:** Acc. to ASTM A554-10



## HSS

Product Code	Grade	Product Size (mm)	Description	Weight ea (kg)	kg/m
HSS012012012G304+0600	G304	12.70 x 12.70 x 1.2mm	SHS G304 POLISHED 180GRIT ASTM A554	3.00	0.50
HSS012012015G304+0600	G304	12.70 x 12.70 x 1.5mm	SHS G304 POLISHED 180GRIT ASTM A554	4.50	0.75
HSS019019012G304+0600	G304	19.05 x 19.05 x 1.2mm	SHS G304 POLISHED 180GRIT ASTM A554	4.38	0.73
HSS019019016G304+0600	G304	19.05 x 19.05 x 1.6mm	SHS G304 POLISHED 180GRIT ASTM A554	5.70	0.95
HSS025025012G304+0600	G304	25.40 x 25.40 x 1.2mm	SHS G304 POLISHED 180GRIT ASTM A554	5.52	0.92
HSS025025016G304+0600	G304	25.40 x 25.40 x 1.5mm	SHS G304 POLISHED 180GRIT ASTM A554	7.14	1.19
HSS025025020G304+0600	G304	25.40 x 25.40 x 2.0mm	SHS G304 POLISHED 180GRIT ASTM A554	10.80	1.80
HSS025025030G304+0600	G304	25.40 x 25.40 x 3.0mm	SHS G304 POLISHED 180GRIT ASTM A554	13.20	2.20
HSS030030020G304+0600	G304	30.00 x 30.00 x 2.0mm	SHS G304 POLISHED 180GRIT ASTM A554	11.04	1.84
HSS031031012G304+0600	G304	31.80 x 31.80 x 1.2mm	SHS G304 POLISHED 180GRIT ASTM A554	6.96	1.16
HSS031031016G304+0600	G304	31.80 x 31.80 x 1.5mm	SHS G304 POLISHED 180GRIT ASTM A554	9.06	1.51
HSS035035020G304+0600	G304	35.00 x 35.00 x 2.0mm	SHS G304 POLISHED 180GRIT ASTM A554	12.90	2.15
HSS038038012G304+0600	G304	38.10 x 38.10 x 1.2mm	SHS G304 POLISHED 180GRIT ASTM A554	8.34	1.39
HSS038038016G304+0600	G304	38.10 x 38.10 x 1.5mm	SHS G304 POLISHED 180GRIT ASTM A554	11.04	1.84
HSS038038020G304+0600	G304	38.10 x 38.10 x 2.0mm	SHS G304 POLISHED 180GRIT ASTM A554	14.40	2.40
HSS040040020G304+0600	G304	40.00 x 40.00 x 2.0mm	SHS G304 POLISHED 180GRIT ASTM A554	14.72	2.45
HSS040040030G304+0600	G304	40.00 x 40.00 x 3.0mm	SHS G304 POLISHED 180GRIT ASTM A554	22.54	3.76
HSS050050015G304+0600	G304	50.80 x 50.80 x 1.5mm	SHS G304 POLISHED 180GRIT ASTM A554	14.82	2.47
HSS050050020G304+0600	G304	50.00 x 50.00 x 2.0mm	SHS G304 POLISHED 180GRIT ASTM A554	18.48	3.08
HSS050050030G304+0600	G304	50.00 x 50.00 x 3.0mm	SHS G304 POLISHED 180GRIT ASTM A554	27.90	4.65
HSS050050040G304+0600	G304	50.00 x 50.00 x 4.0mm	SHS G304 POLISHED 180GRIT ASTM A554	35.76	5.96
HSS060060030G304+0600	G304	60.00 x 60.00 x 3.0mm	SHS G304 POLISHED 180GRIT ASTM A554	32.95	5.49
HSS075075020G304+0600	G304	75.00 x 75.00 x 2.0mm	SHS G304 POLISHED 180GRIT ASTM A554	28.08	4.68
HSS075075030G304+0600	G304	75.00 x 75.00 x 3.0mm	SHS G304 POLISHED 180GRIT ASTM A554	41.70	6.95
HSS075075050G304+0600	G304	75.00 x 75.00 x 5.0mm	SHS G304 POLISHED 180GRIT ASTM A554	67.44	11.24
HSS080080020G304+0600	G304	80.00 x 80.00 x 2.0mm	SHS G304 POLISHED 180GRIT ASTM A554	29.93	4.99
HSS080080030G304+0600	G304	80.00 x 80.00 x 3.0mm	SHS G304 POLISHED 180GRIT ASTM A554	45.18	7.53
HSS100100030G304+0600	G304	100.0 x 100.0 x 3.0mm	SHS G304 POLISHED 180GRIT ASTM A554	57.18	9.53
HSS100100040G304+0600	G304	100.0 x 100.0 x 4.0mm	SHS G304 POLISHED 180GRIT ASTM A554	74.40	12.40
HSS100100050G304+0600	G304	100.0 x 100.0 x 5.0mm	SHS G304 POLISHED 180GRIT ASTM A554	91.92	15.32
HSS150150030G304+0600	G304	150.0 x 150.0 x 3.0mm	SHS G304 POLISHED 180GRIT ASTM A554	84.38	14.06
HSS150150050G304+0600	G304	150.0 x 150.0 x 5.0mm	SHS G304 POLISHED 180GRIT ASTM A554	134.40	22.40

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## HSS

Product Code	Grade	Product Size (mm)	Description	Weight ea (kg)	kg/m
HSS019019015G316+0600	G316	19.05 x 19.05 x 1.5mm	SHS G316 POLISHED 180GRIT ASTM A554	5.70	0.95
HSS025025015G316+0600	G316	25.40 x 25.40 x 1.5mm	SHS G316 POLISHED 180GRIT ASTM A554	7.20	1.20
HSS031031015G316+0600	G316	31.80 x 31.80 x 1.5mm	SHS G316 POLISHED 180GRIT ASTM A554	9.00	1.50
HSS038038015G316+0600	G316	38.10 x 38.10 x 1.5mm	SHS G316 POLISHED 180GRIT ASTM A554	10.55	1.76
HSS040040020G316+0600	G316	40.00 x 40.00 x 2.0mm	SHS G316 POLISHED 180GRIT ASTM A554	14.72	2.45
HSS040040030G316+0600	G316	40.00 x 40.00 x 3.0mm	SHS G316 POLISHED 180GRIT ASTM A554	22.54	3.76
HSS050050015G316+0600	G316	50.00 x 50.00 x 1.5mm	SHS G316 POLISHED 180GRIT ASTM A554	14.82	2.47
HSS050050020G316+0600	G316	50.00 x 50.00 x 2.0mm	SHS G316 POLISHED 180GRIT ASTM A554	18.48	3.08
HSS050050030G316+0600	G316	50.00 x 50.00 x 3.0mm	SHS G316 POLISHED 180GRIT ASTM A554	27.90	4.65
HSS060060030G316+0600	G316	60.00 x 60.00 x 3.0mm	SHS G316 POLISHED 180GRIT ASTM A554	32.95	5.49
HSS075075030G316+0600	G316	75.00 x 75.00 x 3.0mm	SHS G316 POLISHED 180GRIT ASTM A554	41.70	6.95
HSS075075050G316+0600	G316	75.00 x 75.00 x 5.0mm	SHS G316 POLISHED 180GRIT ASTM A554	67.44	11.24
HSS080080020G316+0600	G316	80.00 x 80.00 x 2.0mm	SHS G316 POLISHED 180GRIT ASTM A554	29.93	4.99
HSS100100030G316+0600	G316	100.0 x 100.0 x 3.0mm	SHS G316 POLISHED 180GRIT ASTM A554	57.18	9.53
HSS100100050G316+0600	G316	100.0 x 100.0 x 5.0mm	SHS G316 POLISHED 180GRIT ASTM A554	91.92	15.32
HSS150150050G316+0600	G316	150.0 x 150.0 x 5.0mm	SHS G316 POLISHED 180GRIT ASTM A554	134.40	22.40

# Rectangular Hollow Section (RHS)

**Types:** Polished

**Grades:** 304, 316

**Finishes:** 180 Grit (Note: corners not polished).

**Unit of Supply:** 6m lengths

**Certification:** Acc. to ASTM A554-10



## HRS

Product Code	Grade	Product Size (mm)	Description	Weight ea (kg)	kg/m
HRS040010015G304+0600	G304	40.0 x 10.0 x 1.5mm	RHS G304 POLISHED 180GRIT ASTM A554	6.88	1.15
HRS040020012G304+0600	G304	40.0 x 20.0 x 1.2mm	RHS G304 POLISHED 180GRIT ASTM A554	6.58	1.10
HRS040020015G304+0600	G304	40.0 x 20.0 x 1.5mm	RHS G304 POLISHED 180GRIT ASTM A554	8.23	1.37
HRS040020020G304+0600	G304	40.0 x 20.0 x 2.0mm	RHS G304 POLISHED 180GRIT ASTM A554	11.04	1.84
HRS050025015G304+0600	G304	50.0 x 25.0 x 1.5mm	RHS G304 POLISHED 180GRIT ASTM A554	10.55	1.76
HRS050025020G304+0600	G304	50.0 x 25.0 x 2.0mm	RHS G304 POLISHED 180GRIT ASTM A554	13.91	2.32
HRS050025030G304+0600	G304	50.0 x 25.0 x 3.0mm	RHS G304 POLISHED 180GRIT ASTM A554	20.46	3.41
HRS060040030G304+0600	G304	60.0 x 40.0 x 3.0mm	RHS G304 POLISHED 180GRIT ASTM A554	27.90	4.65
HRS080040020G304+0600	G304	80.0 x 40.0 x 2.0mm	RHS G304 POLISHED 180GRIT ASTM A554	22.27	3.71
HRS080040030G304+0600	G304	80.0 x 40.0 x 3.0mm	RHS G304 POLISHED 180GRIT ASTM A554	32.95	5.49
HRS100050020G304+0600	G304	100.0 x 50.0 x 2.0mm	RHS G304 POLISHED 180GRIT ASTM A554	28.80	4.80
HRS100050030G304+0600	G304	100.0 x 50.0 x 3.0mm	RHS G304 POLISHED 180GRIT ASTM A554	41.70	6.95
HRS100050040G304+0600	G304	100.0 x 50.0 x 4.0mm	RHS G304 POLISHED 180GRIT ASTM A554	54.54	9.09
HRS100050050G304+0600	G304	100.0 x 50.0 x 5.0mm	RHS G304 POLISHED 180GRIT ASTM A554	68.16	11.36
HRS150050030G304+0600	G304	150.0 x 50.0 x 3.0mm	RHS G304 POLISHED 180GRIT ASTM A554	57.18	9.53
HRS150100050G304+0600	G304	150.0 x 100.0 x 5.0mm	RHS G304 POLISHED 180GRIT ASTM A554	112.80	18.80
HRS200100060G304+0600	G304	200.0 x 100.0 x 6.0mm	RHS G304 POLISHED 180GRIT ASTM A554	164.16	27.36
HRS250150060G304+0600	G304	250.0 x 150.0 x 6.0mm	RHS G304 POLISHED 180GRIT ASTM A554	224.25	37.38
HRS050025015G316+0600	G316	50.0 x 25.0 x 1.5mm	RHS G316 POLISHED 180GRIT ASTM A554	10.55	1.76
HRS050025030G316+0600	G316	50.0 x 25.0 x 3.0mm	RHS G316 POLISHED 180GRIT ASTM A554	20.74	3.46
HRS080040030G316+0600	G316	80.0 x 40.0 x 3.0mm	RHS G316 POLISHED 180GRIT ASTM A554	32.95	5.49
HRS100050030G316+0600	G316	100.0 x 50.0 x 3.0mm	RHS G316 POLISHED 180GRIT ASTM A554	41.70	6.95
HRS100050050G316+0600	G316	100.0 x 50.0 x 5.0mm	RHS G316 POLISHED 180GRIT ASTM A554	68.16	11.36
HRS150100050G316+0600	G316	150.0 x 100.0 x 5.0mm	RHS G316 POLISHED 180GRIT ASTM A554	112.80	18.80
HRS20010006G316+0600	G316	200.0 X 100.0 x 6.0mm	RHS G304 POLISHED 180GRIT ASTM A554	164.16	27.36

## Dimension tolerances acc. to ASTM A554-10

Largest outside dimension Across flats (mm)	W.T. ± %	Across flats* ± mm
≤ 31.8 mm incl.	10 %	0.38
> 31.8 - ≤ 63.5	10 %	0.51
> 63.5 - ≤ 139.7	10 %	0.76
> 139.7 - ≤ 203.2	10 %	1.52

\* Convexity or Concavity included