SYSTEM 16

FOR FINE DETAIL APPLICATIONS

OUR RECOMMENDATION:
ANTI-SPATTER TO EVERY WELDING TABLE

The non-flammable, water-soluble Anti-Spatter prevents the adhesion of welding spatters, in addition to the plasma nitration.

MATERIALS

Material thickness approx. 11,5 – 13 mm

PROFESSIONAL 750
Steel S355J2+N,
plasma nitrided and BAR-coated

PROFESSIONAL EXTREME 8.7
Hardened tool steel X8.7,
plasma nitrided and BAR-coated

[1] without Plasma nitration

Unprotected against rust, scratches and welding spatters. Protection against welding spatters is only given by using anti-spatter spray.

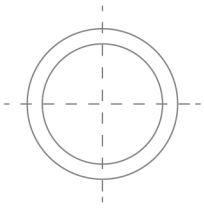
Due to of the lack of material hardness of Professional 750 significantly higher product wear.

[2] with Plasma nitration

Well protected against rust, scratches and weld spatter.

BOREHOLE Ø 16 MM

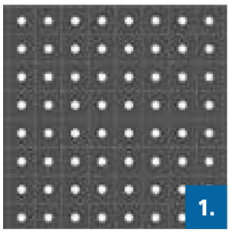
1. Boreholes on the surface 50x50 mm grid
2. Boreholes with radius 2 mm
3. Radius 3 / 6 mm on table edges and corners
4. Height of table side 100 mm
   Borehole spacing of table side 25 mm
5. With scaling on the surface
6. Construction reinforced with ribbing

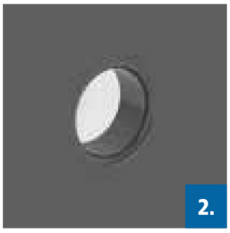


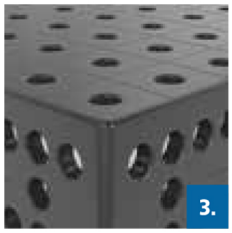
ACCESSORIES-SET 163999

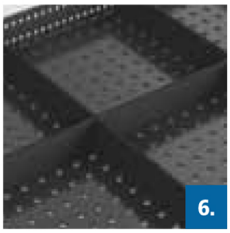
(Free in all sets)

160402.N	Eccentric Stop
160852	Allen Wrench
160820	Brush
000942	Oilstone
000911	Sample CleanBasic
000921	Sample Anti-Spatter
160920	Burner Holder







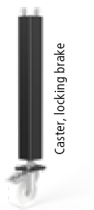


TABLES Table size	PROFESSIONAL 750 50x50 mm Grid without Plasma nitration [1]	PROFESSIONAL 750 50x50 mm Grid with Plasma nitration [2]	PROFESSIONAL EXTREME 8.7 50x50 mm Grid without Plasma nitration [1]	PROFESSIONAL EXTREME 8.7 50x50 mm Grid with Plasma nitration [2]
1,0 x 0,5 m 4 Legs | approx. 128 kg			4-160005.X07 ○	4-160005.X7 ●
1,0 x 1,0 m 4 Legs | approx. 193 kg			4-160010.X07 ○	4-160010.X7 ●
1,2 x 0,8 m 4 Legs | approx. 195 kg	4-160025 ○	4-160025.P ●	4-160025.X07 ○	4-160025.X7 ●
1,2 x 1,2 m 4 Legs | approx. 261 kg	4-160015 ○	4-160015.P ●	4-160015.X07 ○	4-160015.X7 ●
1,5 x 1,0 m 4 Legs | approx. 281 kg	4-160035 ○	4-160035.P ●	4-160035.X07 ○	4-160035.X7 ●
1,5 x 1,5 m 4 Legs | approx. 397 kg	4-160050 ○	4-160050.P ●	4-160050.X07 ○	4-160050.X7 ●
2,0 x 1,0 m 4 Legs | approx. 362 kg	4-160020 ○	4-160020.P ●	4-160020.X07 ○	4-160020.X7 ●
2,0 x 1,2 m 4 Legs | approx. 415 kg	4-160060 ○	4-160060.P ●	4-160060.X07 ○	4-160060.X7 ●
2,4 x 1,2 m 6 Legs | approx. 503 kg	4-160030 ○	4-160030.P ●	4-160030.X07 ○	4-160030.X7 ●
3,0 x 1,5 m * 8 Legs | approx. 795 kg	4-160050.2 ○	4-160050.P.2 ●	4-160050.X07.2 ○	4-160050.X7.2 ●
4,0 x 2,0 m 8 Legs | approx. 1.297 kg			4-160055.X07 ○	4-160055.X7 ●

● = Item produced for stock ○ = Item produced to order

*Consisting of 2 tables 1,5 x 1,5 m incl. 6 connecting bolts.

TABLE LEGS

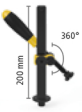


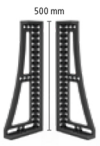
Item No.	160858.X	160857.X [3]	4-160877.XX	4-160876.XX [4]	4-160879.XX [4]	4-160875.XX
Capacity per table leg	1.000 kg	1.000 kg	1.000 kg	200 kg	200 kg	1.000 kg
Leg height	750 mm	850 mm	550 – 950 mm	750 mm	600 – 900 mm	750 mm
Table height	850 mm	950 mm	650 – 1.050 mm	850 mm	700 – 1.000 mm	850 mm
Fine adjustment	40 mm	40 mm	40 mm	40 mm	40 mm	50 mm

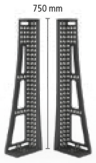
[3] **Standard equipment, alternative height:** Available without a surcharge.

[4] **Note caster:** Not recommended for welding tables with 6 or 8 table legs. Because of risk of tipping not recommended for 1,0 x 0,5 m and 1,2 x 0,8 m.

SETS







	Clamp	Clamp	Prism	Clamping Bolt	Stop	Stop	Square	Square	Square	Rotation Angle	Square	Square	Tool Cart
Material	Burnished	Burnished	Burnished	Burnished	Nitrided	Nitrided	Nitrided	Nitrided	Nitrided	Nitrided	Nitrided	Nitrided	
Item No.	160610	160630	160645.1	160510	160410.N	160420.N	160108.N	160110.N	160162.N	160161+63.N	160134+36.N	160146+48.N	160910
Set 1.1: 4-163100.1	4 x			12 x		4 x	4 x	4 x					
Set 2.1: 4-163200.1	6 x	2 x	4 x	18 x	4 x	6 x	6 x	6 x	2 x				
Set 3.1: 4-163300.1	8 x	4 x	4 x	24 x	4 x	8 x	8 x	8 x	2 x		1 x + 1 x		
Set 4.1: 4-163400.1	10 x	4 x	8 x	30 x	8 x	10 x	10 x	10 x	4 x	1 x + 1 x	1 x + 1 x		1 x
Set 5.1: 4-163500.1	12 x	6 x	8 x	36 x	8 x	12 x	12 x	12 x	4 x	1 x + 1 x	1 x + 1 x	1 x + 1 x	1 x

WELDING TABLES

Our bestsellers Professional Extreme 8.7
Exceptional hardness and a long service life

The materials used are fundamental to the high level of hardness and long service life.

The choice of a Siegmund table is a long term saving thanks to the high level of precision engineering and the consistent superior quality.

The hardening test – Professional Extreme:
www.siegmund.com/Vhardness

	PROFESSIONAL 750 [1] without Plasma nitration	PROFESSIONAL 750 with Plasma nitration	PROFESSIONAL EXTREME 8.7 with Plasma nitration
Hardness in Vickers	Basic hardness approx. 165 – 220 Vickers	Basic hardness approx. 165 – 220 Vickers Surface hardness approx. 450 – 750 Vickers	Basic hardness approx. 280 – 340 Vickers Surface hardness approx. 450 – 850 Vickers
Material	 **Specific base material S355J2+N**	 BAR-Coating Iron nitride Transient region **Specific base material S355J2+N** Transient region Iron nitride BAR-Coating	 BAR-Coating Iron nitride Transient region **Through-hardened tool steel out of special alloy Siegmund X8.7** Transient region Iron nitride BAR-Coating
Basic hardness	★ ★	★ ★	★ ★ ★ ★ ★
Surface hardness	★ ★	★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★ ★
Impact-proof	★ ★	★ ★ ★	★ ★ ★ ★ ★ ★ ★
Scratch-proof	★ ★	★ ★ ★ ★	★ ★ ★ ★ ★ ★
Protection against weld spatter	★	★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★
Corrosion resistance	★	★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★
Point Load	★ ★ ★	★ ★ ★ ★	★ ★ ★ ★ ★ ★
Flatness in its new state	★ ★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★
Maintenance of the flatness under heavy use	★	★ ★ ★	★ ★ ★ ★ ★
Life span	★ ★	★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★

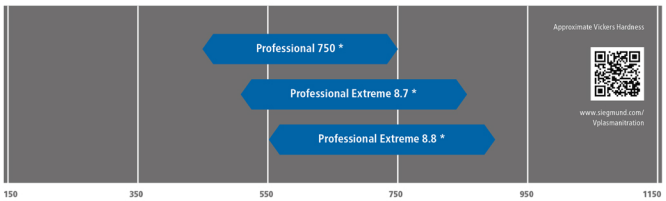
With our evaluation, we would like to make it easier for you to compare the different materials and to support you in selecting the right welding table.
[1] Also applies to all Basic tables System 28.

★ Shows the improvement of the properties in the last few years.

Side surface of Professional Extreme 8.7 and 8.8 is made of specific basic material S355J2+N incl. plasma nitriding and BAR-coating.

COMPARISON OF HARDNESS: SURFACE HARDNESS

The plasma nitriding and subsequent BAR-coating protect against scratches, corrosion and welding spatter.



COMPARISON OF HARDNESS: BASIC HARDNESS

The high basic hardness is the essential hardness and allows a high impact resistance and a long service life of the welding table.