

SPX

High pressure hydraulic





Quick, clean-break connections...

High pressure hydraulic

2 construction types:

- **standard**
- **IB:** specially designed for offshore applications and any applications in environments generating high levels of corrosion.

4 bore diameters

6, 8, 12 and 16 mm.

Clean-break

Flush-face, non-spill technology for the efficient protection of hydraulic circuits and the working environment:

- no pollution of hydraulic circuits due to penetration by external agents
- no pollution of the working environment due to spillage of hydraulic fluid.

Easy connection

The guiding cone on the front face of the socket plays an important role in pre-centring the plug for “blind” connection.

Easy to handle

The ergonomic shape of the socket sleeve provides a good grip for disconnection.

High performance

Excellent flow rate.

Safe

Robust locking is ensured by the large number of generously dimensioned balls and with a large contact surface area.

Automatic

One-handed connection and disconnection.



Visual identification of circuits

By coloured rings:

-  colourless
-  blue
-  red

for the immediate identification of circuits.

... for high pressure hydraulic circuits



Dust protection

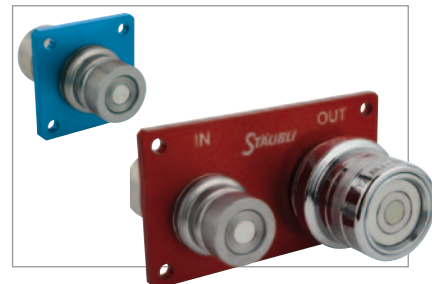
Efficient protection against external agents such as water and dust particles likely to prevent the correct operation of the locking sleeve. This option is especially recommended for installations in dirty environments.



Protective dust caps

for sockets and plugs.

These protective metal dust caps are specially recommended for harsh environments such as steel industry, etc.



Panel mounting

Mono (1 coupling or 1 plug) or duo (1 coupling + 1 plug) versions.

The duo version eliminates risks of inverting the supply and return circuits.

Fast installation with no need to disassemble the end connections. Positioning on the operator side.

Connection under residual pressure

A central relief valve built into the socket or the plug valve allows for the reduction of the residual pressure in the circuit.





Technical characteristics

	SPX 06	SPX 08	SPX 12	SPX 16
Max. working pressure (bar)	450	450	350	350
Bore diameter (mm)	06	08	12	16
Shut-off double				

Construction

- High mechanical strength stainless steel
- High mechanical strength and high corrosion resistance stainless steel (IB option)

Tightness

- Nitrile (NBR) seal
- Fluorocarbon (FPM) seal
- Ethylene-Propylene (EPDM) * seal

Protective dust cap

- As standard
 - Socket: POMH and Chloroprene (CR)
 - Plug: Chloroprene (CR)
- As option
 - Metallic dust caps



Working temperatures

- for sockets and plugs without dust caps

Types of fluid	Seal code	Types of seal	Working temperatures (°C)
Mineral or synthetic hydraulic oils	No code	Nitrile (NBR)	- 15 to + 100 °C
	JV	Fluorocarbon (FPM)	- 10 to + 150 °C
Skydrol®	41B8	Ethylene-Propylene (EPDM)*	- 15 to + 100 °C

* **Important!** It is strongly recommended not to use or bring this seal into contact with fluids of mineral origin (oil, fat, etc...).

- **for protective dust caps**
 - Chloroprene (CR): - 20 to + 100 °C
 - metallic: - 30 to + 150 °C
- **for sockets and plugs with protection against dust ingress option (/PP)**
 - 10 to + 150 °C

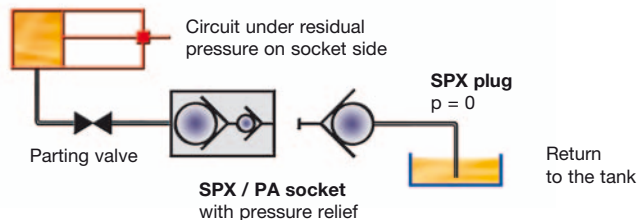
Connection under residual pressure (PA option)

Option available on SPX 08 to 16 sockets and SPX 06 to 16 plugs.

Situation 1: socket under residual pressure

Return to tank on the plug side.

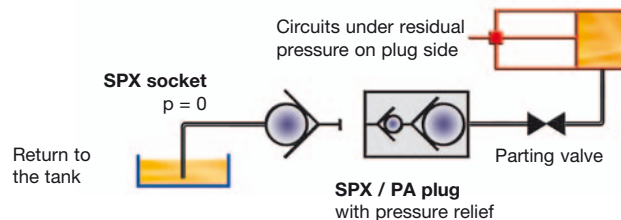
SPX xx / PA socket → SPX xx plug



Situation 2 : plug under residual pressure

Return to tank on the socket side.

SPX xx / PA plug → SPX xx socket



		SPX 06	SPX 08	SPX 12	SPX 16
Max. residual pressure for connection under pressure (bar)	Socket	-	150	150	150
	Plug	40	90	35	60

Part-numbers of sockets and plugs with /PA option: add the /PA code to the part-numbers pages 6 to 10.

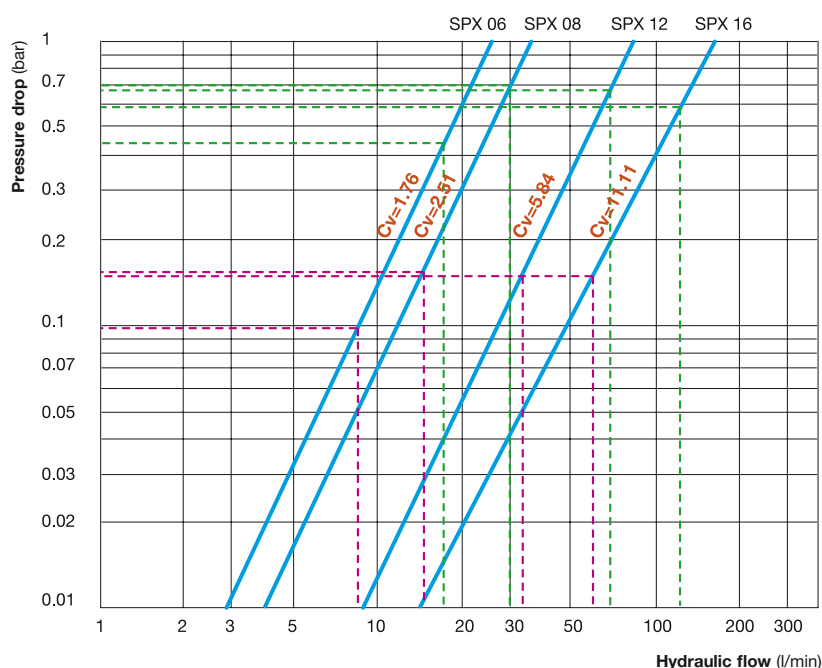
Example of part-numbers:

- situation 1: SPX 08.1103/PA + SPX 08.7103
- situation 2: SPX 08.1103 + SPX 08.7103/PA

Hydraulic flow rate / pressure drop charts

Speed (m/s)	Flow (l/min)			
	SPX 06	SPX 08	SPX 12	SPX 16
5	8.5	15	34	60
10	17	30	68	120

For a fluid speed comprised between 5 and 10 m/s, the max. working temperature must not exceed 60 °C.



$V = 5$ m/s
 $V = 10$ m/s

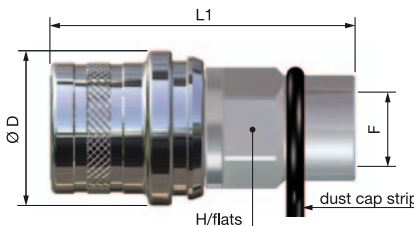
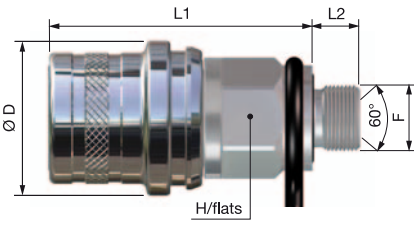
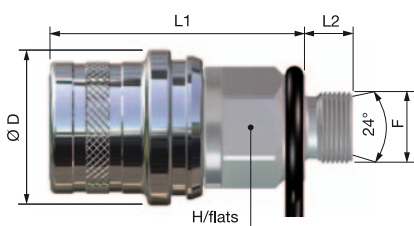
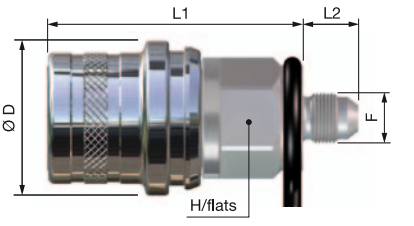
Test conditions:

- Fluid: water
- Direction of flow: socket → plug

Part-numbers

Sockets



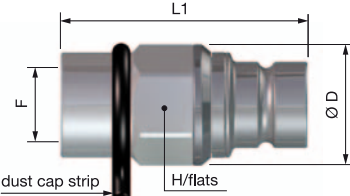
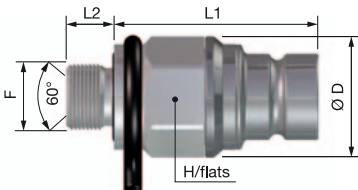
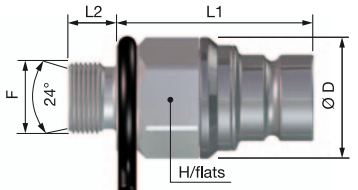
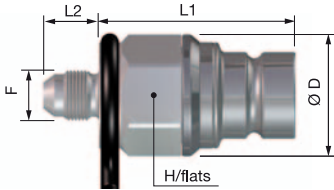
Designations	Models	Fittings	Dimensions (mm)					Part-numbers	
			Ø D	L1	L2	L3	H/flats	Standard	IB
1. Sockets female thread  (a) UN thread according to SAE J 1926-1	SPX 06	G 3/8	39	77			27	SPX 06.1102	SPX 06.1102/IB
		NPT 3/8	39	75			27	SPX 06.1202	SPX 06.1202/IB
		UN 9/16-18 (a)	39	77			27	SPX 06.1314	SPX 06.1314/IB
	SPX 08	G 1/2	47	90			32	SPX 08.1103	SPX 08.1103/IB
		NPT 1/2	47	88			32	SPX 08.1203	SPX 08.1203/IB
		UN 3/4-16 (a)	47	88			32	SPX 08.1319	SPX 08.1319/IB
	SPX 12	G 3/4	59	103			41	SPX 12.1104	SPX 12.1104/IB
		NPT 3/4	59	99			41	SPX 12.1204	SPX 12.1204/IB
		UN 1 1/16-12 (a)	59	104			41	SPX 12.1327	SPX 12.1327/IB
	SPX 16	G 3/4	69	117			50	SPX 16.1104	SPX 16.1104/IB
		G 1	69	117			50	SPX 16.1105	SPX 16.1105/IB
		NPT 3/4	69	114			50	SPX 16.1204	SPX 16.1204/IB
		NPT 1	69	120			50	SPX 16.1205	SPX 16.1205/IB
		UN 1 5/16-12 (a)	69	119			50	SPX 16.1333	SPX 16.1333/IB
2. Sockets BSP male thread with 60° cone and sealing with front O-ring seal 	SPX 06	G 3/8	39	66.5	12		27	SPX 06.1152	SPX 06.1152/IB
	SPX 08	G 1/2	47	76	14		32	SPX 08.1153	SPX 08.1153/IB
	SPX 12	G 3/4	59	90	16		41	SPX 12.1154	SPX 12.1154/IB
	SPX 16	G 3/4	69	105	16		50	SPX 16.1154	SPX 16.1154/IB
3. Sockets male thread for hydraulic pipes 24° cone according to ISO 8434-1 S series 	SPX 06	M 18 x 1.5 for pipes outside Ø 10 mm	39	64	12		27	SPX 06.1610	SPX 06.1610/IB
	SPX 08	M 20 x 1.5 for pipes outside Ø 12 mm	47	75	12		32	SPX 08.1612	SPX 08.1612/IB
		M 24 x 1.5 for pipes outside Ø 16 mm	47	75	14		32	SPX 08.1616	SPX 08.1616/IB
	SPX 12	M 24 x 1.5 for pipes outside Ø 16 mm	59	88	14		41	SPX 12.1616	SPX 12.1616/IB
		M 30 x 2 for pipes outside Ø 20 mm	59	88	16		41	SPX 12.1620	SPX 12.1620/IB
	SPX 16	M 30 x 2 for pipes outside Ø 20 mm	69	105	16		50	SPX 16.1620	SPX 16.1620/IB
		M 36 x 2 for pipes Ø ext. 25 mm	69	105	18		50	SPX 16.1625	SPX 16.1625/IB
4. Sockets male thread JIC 37° according to ISO 8434-2 	SPX 06	UN 1/2 - 20 (DASH 5)	39	65	19		27	SPX 06.1654	SPX 06.1654/IB
	SPX 08	UN 3/4 - 16 (DASH 8)	47	75	17		32	SPX 08.1656	SPX 08.1656/IB
	SPX 12	UN 7/8 - 14 (DASH 10)	59	88	19.5		41	SPX 12.1657	SPX 12.1657/IB
	SPX 16	UN 1 1/16 - 12 (DASH 12)	69	105	22		50	SPX 16.1658	SPX 16.1658/IB

All sockets are delivered as standard with a protective dust cap.

Part-numbers

Plugs



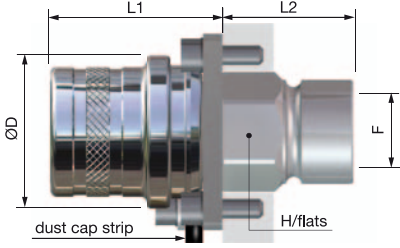
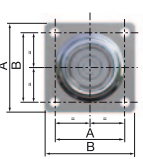
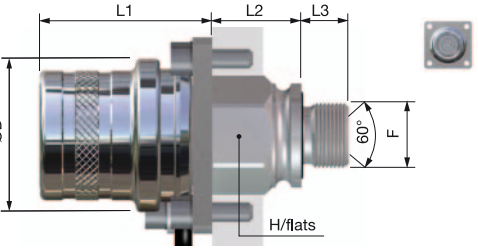
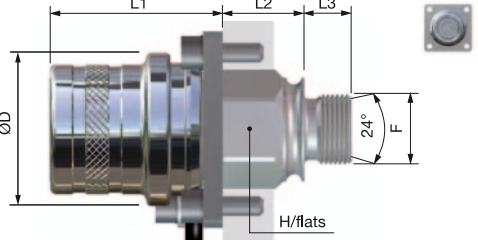
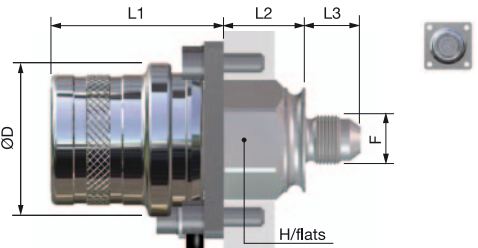
Designations	Models	Fittings	Dimensions (mm)					Part-numbers	
			Ø D	L1	L2	L3	H/flats	Standard	IB
1. Plugs female thread  (a) UN thread according to SAE J 1926-1	SPX 06	G 3/8	30.5	62			27	SPX 06.7102	SPX 06.7102/IB
		NPT 3/8	30.5	60			27	SPX 06.7202	SPX 06.7202/IB
		UN 9/16-18 (a)	30.5	62			27	SPX 06.7314	SPX 06.7314/IB
	SPX 08	G 1/2	35.5	73			32	SPX 08.7103	SPX 08.7103/IB
		NPT 1/2	35.5	70			32	SPX 08.7203	SPX 08.7203/IB
		UN 3/4-16 (a)	35.5	70			32	SPX 08.7319	SPX 08.7319/IB
	SPX 12	G 3/4	46	84			41	SPX 12.7104	SPX 12.7104/IB
		NPT 3/4	46	80			41	SPX 12.7204	SPX 12.7204/IB
		UN 1 1/16-12 (a)	46	85			41	SPX 12.7327	SPX 12.7327/IB
	SPX 16	G 3/4	56.5	94			50	SPX 16.7104	SPX 16.7104/IB
		G 1	56.5	97			50	SPX 16.7105	SPX 16.7105/IB
		NPT 3/4	56.5	91			50	SPX 16.7204	SPX 16.7204/IB
		NPT 1	56.5	97			50	SPX 16.7205	SPX 16.7205/IB
		UN 1 5/16-12 (a)	56.5	97			50	SPX 16.7333	SPX 16.7333/IB
2. Plugs BSP male thread with 60° cone and sealing with front O-ring seal 	SPX 06	G 3/8	30.5	52	12		27	SPX 06.7152	SPX 06.7152/IB
	SPX 08	G 1/2	35.5	59	14		32	SPX 08.7153	SPX 08.7153/IB
	SPX 12	G 3/4	46	71	16		41	SPX 12.7154	SPX 12.7154/IB
	SPX 16	G 3/4	56.5	83	16		50	SPX 16.7154	SPX 16.7154/IB
3. Plugs male thread for hydraulic pipes 24° cone according to ISO 8434-1 S series 	SPX 06	M 18 x 1.5 for pipes outside Ø 10 mm	30.5	50	12		27	SPX 06.7610	SPX 06.7610/IB
	SPX 08	M 20 x 1.5 for pipes outside Ø 12 mm	35.5	58	12		32	SPX 08.7612	SPX 08.7612/IB
		M 24 x 1.5 for pipes outside Ø 16 mm	35.5	58	14		32	SPX 08.7616	SPX 08.7616/IB
	SPX 12	M 24 x 1.5 for pipes outside Ø 16 mm	46	69	14		41	SPX 12.7616	SPX 12.7616/IB
		M 30 x 2 for pipes outside Ø 20 mm	46	69	16		41	SPX 12.7620	SPX 12.7620/IB
	SPX 16	M 30 x 2 for pipes outside Ø 20 mm	56.5	83	16		50	SPX 16.7620	SPX 16.7620/IB
		M 36 x 2 for pipes outside Ø 25 mm	56.5	83	18		50	SPX 16.7625	SPX 16.7625/IB
4. Plugs male thread JIC 37° according to ISO 8434-2 	SPX 06	UN 1/2 - 20 (DASH 5)	30.5	50	14		27	SPX 06.7654	SPX 06.7654/IB
	SPX 08	UN 3/4 - 16 (DASH 8)	35.5	58	17		32	SPX 08.7656	SPX 08.7656/IB
	SPX 12	UN 7/8 - 14 (DASH 10)	46	69	19.5		41	SPX 12.7657	SPX 12.7657/IB
	SPX 16	UN 1 1/16 - 12 (DASH 12)	56.5	83	22		50	SPX 16.7658	SPX 16.7658/IB

All plugs are delivered as standard with a protective dust cap.

Part-numbers

Panel mounted sockets - Mono version

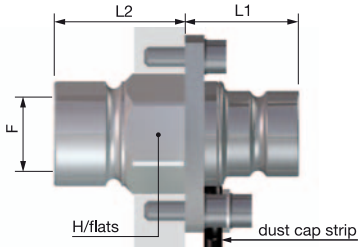
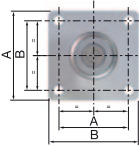
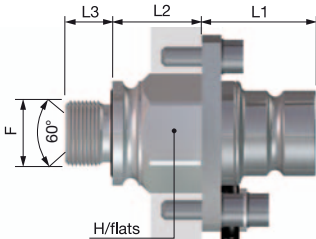
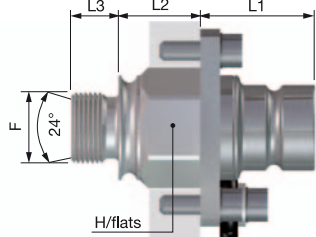
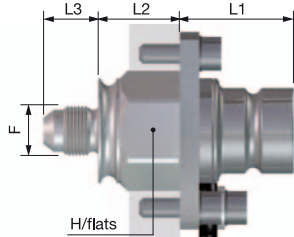


Designations	Models	Fittings	Dimensions (mm)					Part-numbers																															
			Ø D	L1	L2	L3	H/flats	Standard	IB																														
1. Plates fitted with a socket female thread  (a) UN thread according to SAE J 1926-1  <table border="1" data-bbox="276 669 612 837"><thead><tr><th></th><th colspan="4">Dimensions (mm)</th></tr><tr><th></th><th>A</th><th>B</th><th>Max. panel thickness</th><th>Panel drilling Ø</th></tr></thead><tbody><tr><td>SPX 06</td><td>50</td><td>39</td><td>8</td><td>32</td></tr><tr><td>SPX 08</td><td>53</td><td>40</td><td>10</td><td>37.5</td></tr><tr><td>SPX 12</td><td>65</td><td>52</td><td>10</td><td>48</td></tr><tr><td>SPX 16</td><td>70</td><td>57</td><td>10</td><td>58</td></tr></tbody></table>		Dimensions (mm)					A	B	Max. panel thickness	Panel drilling Ø	SPX 06	50	39	8	32	SPX 08	53	40	10	37.5	SPX 12	65	52	10	48	SPX 16	70	57	10	58	SPX 06	G 3/8	39	44	33.5		27	SPX 06.2102	SPX 06.2102/IB
		Dimensions (mm)																																					
		A	B	Max. panel thickness	Panel drilling Ø																																		
	SPX 06	50	39	8	32																																		
	SPX 08	53	40	10	37.5																																		
	SPX 12	65	52	10	48																																		
	SPX 16	70	57	10	58																																		
	NPT 3/8	39	44	31.5		27	SPX 06.2202	SPX 06.2202/IB																															
	UN 9/16-18 (a)	39	44	33.5		27	SPX 06.2314	SPX 06.2314/IB																															
	SPX 08	G 1/2	47	50	40.5		32	SPX 08.2103	SPX 08.2103/IB																														
		NPT 1/2	47	50	38		32	SPX 08.2203	SPX 08.2203/IB																														
		UN 3/4-16 (a)	47	50	38		32	SPX 08.2319	SPX 08.2319/IB																														
	SPX 12	G 3/4	59	58	45.5		41	SPX 12.2104	SPX 12.2104/IB																														
		NPT 3/4	59	58	41.5		41	SPX 12.2204	SPX 12.2204/IB																														
		UN 1 1/16-12 (a)	59	58	46		41	SPX 12.2327	SPX 12.2327/IB																														
SPX 16	G 3/4	69	68	49		50	SPX 16.2104	SPX 16.2104/IB																															
	G1	69	68	52		50	SPX 16.2105	SPX 16.2105/IB																															
	NPT 3/4	69	68	46		50	SPX 16.2204	SPX 16.2204/IB																															
	NPT 1	69	68	52		50	SPX 16.2205	SPX 16.2205/IB																															
	UN 1 5/16-12 (a)	69	68	51		50	SPX 16.2333	SPX 16.2333/IB																															
2. Plates fitted with a socket BSP male thread with 60° cone and sealing with front O-ring seal 	SPX 06	G 3/8	39	44	28	12	27	SPX 06.2152	SPX 06.2152/IB																														
	SPX 08	G 1/2	47	50	26.5	14	32	SPX 08.2153	SPX 08.2153/IB																														
	SPX 12	G 3/4	59	58	32.5	16	41	SPX 12.2154	SPX 12.2154/IB																														
	SPX 16	G 3/4	69	68	37.5	16	50	SPX 16.2154	SPX 16.2154/IB																														
3. Plates fitted with a socket male thread for hydraulic pipes 24° cone according to ISO 8434-1 S series 	SPX 06	M 18 x 1.5 for pipes outside Ø 10 mm	39	44	21	12	27	SPX 06.2610	SPX 06.2610/IB																														
	SPX 08	M 20 x 1.5 for pipes outside Ø 12 mm	47	50	25.5	12	32	SPX 08.2612	SPX 08.2612/IB																														
		M 24 x 1.5 for pipes outside Ø 16 mm	47	50	25.5	14	32	SPX 08.2616	SPX 08.2616/IB																														
	SPX 12	M 24 x 1.5 for pipes outside Ø 16 mm	59	58	30.5	14	41	SPX 12.2616	SPX 12.2616/IB																														
		M 30 x 2 for pipes outside Ø 20 mm	59	59	30.5	16	41	SPX 12.2620	SPX 12.2620/IB																														
	SPX 16	M 30 x 2 for pipes outside Ø 20 mm	69	68	37.5	16	50	SPX 16.2620	SPX 16.2620/IB																														
		M 36 x 2 for pipes outside Ø 25 mm	69	68	37.5	18	50	SPX 16.2625	SPX 16.2625/IB																														
4. Plates fitted with a socket male thread JIC 37° according to ISO 8434-2 	SPX 06	UN 1/2 - 20 (DASH 5)	39	44	21	14	27	SPX 06.2654	SPX 06.2654/IB																														
	SPX 08	UN 3/4 - 16 (DASH 8)	47	50	25.5	17	32	SPX 08.2656	SPX 08.2656/IB																														
	SPX 12	UN 7/8 - 14 (DASH 10)	59	58	30.5	19.5	41	SPX 12.2657	SPX 12.2657/IB																														
	SPX 16	UN 1 1/16 - 12 (DASH 12)	69	68	37	22	50	SPX 16.2658	SPX 16.2658/IB																														

All sockets are delivered as standard with a protective dust cap.



Panel mounted plugs - Mono version

Designations	Models	Fittings	Dimensions (mm)					Part-numbers																														
			Ø D	L1	L2	L3	H/flats	Standard	IB																													
5. Plates fitted with a plug female thread  (a) UN thread according to SAE J 1926-1  <table border="1" data-bbox="298 665 639 824"><thead><tr><th rowspan="2"></th><th colspan="4">Dimensions (mm)</th></tr><tr><th>A</th><th>B</th><th>Max. panel thickness</th><th>Panel drilling Ø</th></tr></thead><tbody><tr><td>SPX 06</td><td>50</td><td>39</td><td>8</td><td>32</td></tr><tr><td>SPX 08</td><td>53</td><td>40</td><td>10</td><td>37.5</td></tr><tr><td>SPX 12</td><td>65</td><td>52</td><td>10</td><td>48</td></tr><tr><td>SPX 16</td><td>70</td><td>57</td><td>10</td><td>58</td></tr></tbody></table>		Dimensions (mm)				A	B	Max. panel thickness	Panel drilling Ø	SPX 06	50	39	8	32	SPX 08	53	40	10	37.5	SPX 12	65	52	10	48	SPX 16	70	57	10	58	SPX 06	G 3/8		29	33.5		27	SPX 06.5102	SPX 06.5102/IB
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	SPX 16	70	57	10	58																																	
	NPT 3/8		29	31.5		27	SPX 06.5202	SPX 06.5202/IB																														
	UN 9/16-18 (a)		29	33.5		27	SPX 06.5314	SPX 06.5314/IB																														
	SPX 08	G 1/2		33	40.5		32	SPX 08.5103	SPX 08.5103/IB																													
		NPT 1/2		33	38		32	SPX 08.5203	SPX 08.5203/IB																													
		UN 3/4-16 (a)		33	38		32	SPX 08.5319	SPX 08.5319/IB																													
	SPX 12	G 3/4		39.5	45.5		41	SPX 12.5104	SPX 12.5104/IB																													
		NPT 3/4		39.5	41.5		41	SPX 12.5204	SPX 12.5204/IB																													
		UN 1 1/16-12 (a)		39.5	46.5		41	SPX 12.5327	SPX 12.5327/IB																													
SPX 16	G 3/4		46	49		50	SPX 16.5104	SPX 16.5104/IB																														
	G 1		46	52		50	SPX 16.5105	SPX 16.5105/IB																														
	NPT 3/4		46	46		50	SPX 16.5204	SPX 16.5204/IB																														
	NPT 1		46	52		50	SPX 16.5205	SPX 16.5205/IB																														
	UN 1 5/16-12 (a)		46	51		50	SPX 16.5333	SPX 16.5333/IB																														
6. Plates fitted with a plug BSP male thread with 60° cone and sealing with front O-ring seal 	SPX 06	G 3/8		29	23	12	27	SPX 06.5152	SPX 06.5152/IB																													
	SPX 08	G 1/2		33	26.5	14	32	SPX 08.5153	SPX 08.5153/IB																													
	SPX 12	G 3/4		39.5	32.5	16	41	SPX 12.5154	SPX 12.5154/IB																													
	SPX 16	G 3/4		46	37.5	16	50	SPX 16.5154	SPX 16.5154/IB																													
7. Plates fitted with a plug male thread for hydraulic pipes 24° cone according to ISO 8434-1 S series 	SPX 06	M 18 x 1.5 for pipes outside Ø 10 mm		29	21	12	27	SPX 06.5610	SPX 06.5610/IB																													
	SPX 08	M 20 x 1.5 for pipes outside Ø 12 mm		33	25.5	12	32	SPX 08.5612	SPX 08.5612/IB																													
		M 24 x 1.5 for pipes outside Ø 16 mm		33	25.5	14	32	SPX 08.5616	SPX 08.5616/IB																													
	SPX 12	M 24 x 1.5 for pipes outside Ø 16 mm		39.5	30.5	14	41	SPX 12.5616	SPX 12.5616/IB																													
		M 30 x 2 for pipes outside Ø 20 mm		39.5	30.5	16	41	SPX 12.5620	SPX 12.5620/IB																													
	SPX 16	M 30 x 2 for pipes outside Ø 20 mm		46	37.5	16	50	SPX 16.5620	SPX 16.5620/IB																													
		M 36 x 2 for pipes outside Ø 25 mm		46	37.5	18	50	SPX 16.5625	SPX 16.5625/IB																													
8. Plates fitted with a plug male thread JIC 37° according to ISO 8434-2 	SPX 06	UN 1/2 - 20 (DASH 5)		29	21	14	27	SPX 06.5654	SPX 06.5654/IB																													
	SPX 08	UN 3/4 - 16 (DASH 8)		33	25.5	17	32	SPX 08.5656	SPX 08.5656/IB																													
	SPX 12	UN 7/8 - 14 (DASH 10)		39.5	30.5	19.5	41	SPX 12.5657	SPX 12.5657/IB																													
	SPX 16	UN 1 1/16 - 12 (DASH 12)		46	37.5	22	50	SPX 16.5658	SPX 16.5658/IB																													

All plugs are delivered as standard with a protective dust cap.

Part-numbers

Panel mounted sockets and plugs – Duo version



Designations	Models	Fittings	Dimensions (mm)					Part-numbers	
			Ø	L1	L2	L3	H/flats	Standard	IB
1. Plates fitted with a socket and a plug female thread 	SPX 06	G 3/8	44	33.5			27	SPX 06.0102	SPX 06.0102/IB
		NPT 3/8	44	31.5			27	SPX 06.0202	SPX 06.0202/IB
		UN 9/16-18 (a)	44	33.5			27	SPX 06.0314	SPX 06.0314/IB
	SPX 08	G 1/2	50	40.5			32	SPX 08.0103	SPX 08.0103/IB
		NPT 1/2	50	38			32	SPX 08.0203	SPX 08.0203/IB
		UN 3/4-16 (a)	50	38			32	SPX 08.0319	SPX 08.0319/IB
	SPX 12	G 3/4	58	45.5			41	SPX 12.0104	SPX 12.0104/IB
		NPT 3/4	58	41.5			41	SPX 12.0204	SPX 12.0204/IB
		UN 1 1/16-12 (a)	58	46.5			41	SPX 12.0327	SPX 12.0327/IB
	SPX 16	G 3/4	68	49			50	SPX 16.0104	SPX 16.0104/IB
		G 1	68	52			50	SPX 16.0105	SPX 16.0105/IB
		NPT 3/4	68	46			50	SPX 16.0204	SPX 16.0204/IB
		NPT 1	68	52			50	SPX 16.0205	SPX 16.0205/IB
		UN 1 5/16-12 (a)	68	51			50	SPX 16.0333	SPX 16.0333/IB
2. Plates fitted with a socket and a plug BSP male thread with 60° cone and sealing with front O-ring seal 	SPX 06	G 3/8	44	23	12		27	SPX 06.0152	SPX 06.0152/IB
	SPX 08	G 1/2	50	26.5	14		32	SPX 08.0153	SPX 08.0153/IB
	SPX 12	G 3/4	58	32.5	16		41	SPX 12.0154	SPX 12.0154/IB
	SPX 16	G 3/4	68	37.5	16		50	SPX 16.0154	SPX 16.0154/IB
3. Plates fitted with a socket and a plug male thread for hydraulic pipes 24° cone according to ISO 8434-1 S series 	SPX 06	M 18 x 1.5 for pipes outside Ø 10 mm	44	21	12		27	SPX 06.0610	SPX 06.0610/IB
	SPX 08	M 20 x 1.5 for pipes outside Ø 12 mm	50	25.5	12		32	SPX 08.0612	SPX 08.0612/IB
		M 24 x 1.5 for pipes outside Ø 16 mm	50	25.5	14		32	SPX 08.0616	SPX 08.0616/IB
	SPX 12	M 24 x 1.5 for pipes outside Ø 16 mm	58	30.5	14		41	SPX 12.0616	SPX 12.0616/IB
		M 30 x 2 for pipes outside Ø 20 mm	58	30.5	16		41	SPX 12.0620	SPX 12.0620/IB
	SPX 16	M 30 x 2 for pipes outside Ø 20 mm	68	37	16		50	SPX 16.0620	SPX 16.0620/IB
		M 36 x 2 for pipes outside Ø 25 mm	68	38	18		50	SPX 16.0625	SPX 16.0625/IB
4. Plates fitted with a socket and a plug male thread JIC 37° according to ISO 8434-2 	SPX 06	UN 1/2 - 20 (DASH 5)	44	21	14		27	SPX 06.0654	SPX 06.0654/IB
	SPX 08	UN 3/4 - 16 (DASH 8)	50	25.5	17		32	SPX 08.0656	SPX 08.0656/IB
	SPX 12	UN 7/8 - 14 (DASH 10)	58	30.5	19.5		41	SPX 12.0657	SPX 12.0657/IB
	SPX 16	UN 1 1/16 - 12 (DASH 12)	68	37.5	22		50	SPX 16.0658	SPX 16.0658/IB

All sockets and plugs are delivered as standard with a protective dust cap.



Tightness

Sockets and plugs are delivered as standard with Nitrile (NBR) seals. Fluorocarbon (FPM) and Ethylene-Propylene (EPDM) seals are available on all models.

Add the corresponding code to the sockets and plugs part-numbers:

JV: Fluorocarbon (FPM) seals

41B8: Ethylene-Propylene (EPDM) seals

Eg.: SPX 08.1103/JV

Protective dust caps



Add the **PP** code to the sockets and plugs part-numbers pages 6 and 7.
Eg.: SPX 08.1103/PP

The **PP** function is only assured in connected position. Not compatible with the use of the coloured ring nor the panel mounting.

Metallic protective dust caps



Red colour.

Add the **BMR** code to the sockets and plugs part-numbers.

Eg.: SPX 08.1103/BMR

Circuit identification



Available on all diameters.

Add the colour code to the sockets and plugs part-numbers:

KB = blue

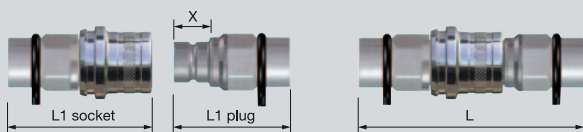
KR = red

Eg.: SPX 08.1103/KB

Overall dimensions in connected position

$$L = (L1 \text{ socket} + L1 \text{ plug}) - X$$

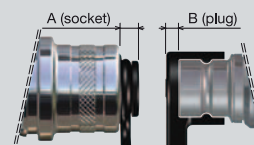
Model	X (mm)	Model	X (mm)
SPX 06	18.5	SPX 12	23.5
SPX 08	21	SPX 16	24.5



Overlength with protective dust caps

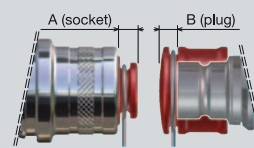
• Standard dust caps

Model	A (socket)	B (plug)
SPX 06	10	4
SPX 08	11	5
SPX 12	11	5
SPX 16	11.5	7



• Metallic dust caps

Model	A (socket)	B (plug)
SPX 06	11	4
SPX 08	11	4
SPX 12	11	5.5
SPX 16	11.5	5



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For contact details: www.staubli.com/connectors/contacts



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