

2009

QUICK
COU
PLINGS

i Male/female classification

Technical Note: In the following pages we conventionally defined female fitting part with sliding or rotating outer ring and male fitting the other part.



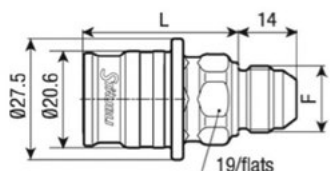
The Stäubli quick-release couplings stand out for the quality of materials and flat face design that ensures a perfect seal during connection and disconnection of the two parts. Homologated by the FIA sampling fuel valves, fuel break-away, they ensure the best value for money on the market. This chapter contains a selection of varieties produced for motorsport.

Non-spill quick release couplings for fuel lines SPT

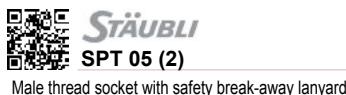
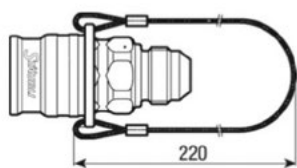
SPT couplings for inboard fuel lines meet the tough requirements of motorsports by combining high flow performance with reliable non-spill safety. They are very compact and lightweight, and designed to easily fit into all types of vehicles.

Applications: Connection to fuel lines (with breakaway option), FIA-approved sampling, refueling of rally raid vehicles (rally raid version)

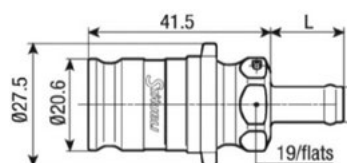
STÄUBLI SPT05



Code	Application	F thread or hose Ø	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Option break-away	Shut-off system
SPT051653LJKV	Perfluoroelastomer in the fluid	UNF 7/16 x 20	05 mm	19,6 mm ²	41,5 mm	41 gr	40 Bar	Yes	Double
SPT051653LJV	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	05 mm	19,6 mm ²	41,5 mm	41 gr	40 Bar	Yes	Double
SPT051655LJKV	Perfluoroelastomer in the fluid	UNF 9/16 x 18	05 mm	19,6 mm ²	40,2 mm	41 gr	40 Bar	Yes	Double
SPT051655LJV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	05 mm	19,6 mm ²	40,2 mm	41 gr	40 Bar	Yes	Double

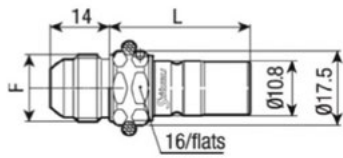


Code	Application	F thread or hose Ø	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Option break-away	Shut-off system
SPT053653LJKV	Perfluoroelastomer in the fluid	UNF 7/16 x 20	05 mm	19,6 mm ²	14,0 mm	41 gr	40 Bar	Yes	Double
SPT053653LJV	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	05 mm	19,6 mm ²	14,0 mm	41 gr	40 Bar	Yes	Double
SPT053655LJKV	Perfluoroelastomer in the fluid	UNF 9/16 x 18	05 mm	19,6 mm ²	14,0 mm	41 gr	40 Bar	Yes	Double
SPT053655LJV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	05 mm	19,6 mm ²	14,0 mm	41 gr	40 Bar	Yes	Double



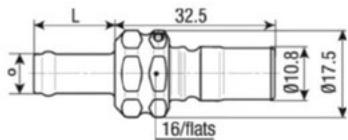
Code	Application	F thread or hose Ø	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Option break-away	Shut-off system
SPT051808LJVRG	For oils, mineral greases, nitrogen, gazoline...	8 mm	05 mm	19,6 mm ²	16,5 mm	41 gr	40 Bar	Yes	Double

STÄUBLI SPT05



SPT 05 (5)
Male thread plug with dust cap

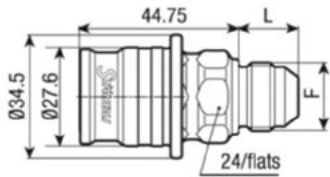
Code	Application	F thread or hose Ø	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Option break-away	Shut-off system
SPT057653LJKV	Perfluoroelastomer in the fluid	UNF 7/16 x 20	05 mm	19,6 mm ²	32,5 mm	41 gr	40 Bar	Yes	Double
SPT057653LJV	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	05 mm	19,6 mm ²	32,5 mm	41 gr	40 Bar	Yes	Double
SPT057655LJKV	Perfluoroelastomer in the fluid	UNF 9/16 x 18	05 mm	19,6 mm ²	32,0 mm	41 gr	40 Bar	Yes	Double
SPT057655LJV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	05 mm	19,6 mm ²	32,0 mm	41 gr	40 Bar	Yes	Double



SPT 05 (6)
Male plug for hose with dust cap

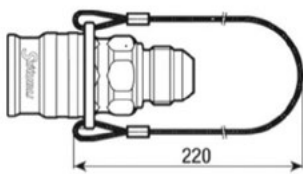
Code	Application	F thread or hose Ø	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Option break-away	Shut-off system
SPT057808LJVRG	For oils, mineral greases, nitrogen, gazoline...	8 mm	05 mm	19,6 mm ²	16,5 mm	41 gr	40 Bar	Yes	Double

STÄUBLI SPT 08



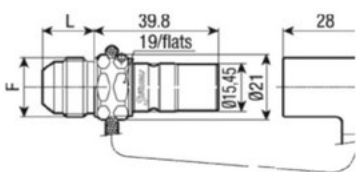
SPT 08 (1)
Male thread socket

Code	Application	F thread or hose Ø	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Option break-away	Shut-off system
SPT081655LJKV	Perfluoroelastomer in the fluid	UNF 9/16 x 18	08 mm	50,2 mm ²	14,0 mm	80 gr	20 Bar	Yes	Double
SPT081655LJV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	08 mm	50,2 mm ²	14,0 mm	80 gr	20 Bar	Yes	Double
SPT081656LJV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/4 x 16	08 mm	50,2 mm ²	16,7 mm	80 gr	20 Bar	Yes	Double



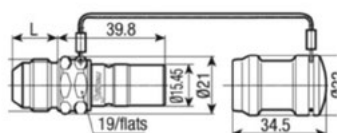
SPT 08 (2)
Male thread socket with safety break-away lanyard

Code	Application	F thread or hose Ø	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Option break-away	Shut-off system
SPT083655LJKV	Perfluoroelastomer in the fluid	UNF 9/16 x 18	08 mm	50,2 mm ²	14,0 mm	80 gr	20 Bar	Yes	Double
SPT083655LJV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	08 mm	50,2 mm ²	14,0 mm	80 gr	20 Bar	Yes	Double
SPT083656LJV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/4 x 16	08 mm	50,2 mm ²	14,0 mm	80 gr	20 Bar	Yes	Double



SPT 08 (3)
Male thread plug with dust cap

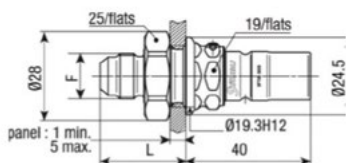
Code	Application	F thread or hose Ø	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Option break-away	Shut-off system
SPT087655LJKV	Perfluoroelastomer in the fluid	UNF 9/16 x 18	08 mm	50,2 mm ²	14,0 mm	80 gr	20 Bar	Yes	Double
SPT087655LJV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	08 mm	50,2 mm ²	14,0 mm	80 gr	20 Bar	Yes	Double
SPT087656LJKV	Perfluoroelastomer in the fluid	UNF 3/4 x 16	08 mm	50,2 mm ²	14,0 mm	80 gr	20 Bar	Yes	Double
SPT087656LJV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/4 x 16	08 mm	50,2 mm ²	14,0 mm	80 gr	20 Bar	Yes	Double



SPT 08 (4)

Male thread plug with dust cap

Code	Application	F thread or hose Ø	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Option break-away	Shut-off system
SPT087655LJKVBM	Perfluoroelastomer in the fluid	UNF 9/16 x 18	08 mm	50,2 mm ²	14,0 mm	80 gr	20 Bar	Yes	Double
SPT087655LJVBM	For oils, mineral greases, nitrogen, gasoline...	UNF 9/16 x 18	08 mm	50,2 mm ²	14,0 mm	80 gr	20 Bar	Yes	Double
SPT087656LJKVBM	Perfluoroelastomer in the fluid	UNF 3/4 x 16	08 mm	50,2 mm ²	14,0 mm	80 gr	20 Bar	Yes	Double
SPT087656LJVBM	For oils, mineral greases, nitrogen, gasoline...	UNF 3/4 x 16	08 mm	50,2 mm ²	14,0 mm	80 gr	20 Bar	Yes	Double

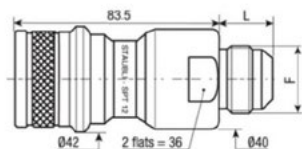


SPT 08 (5)

Panel mounted plug

Code	Application	F thread or hose Ø	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Option break-away	Shut-off system
SPT085655LJKV	Perfluoroelastomer in the fluid	UNF 9/16 x 18	08 mm	50,2 mm ²	14,0 mm	80 gr	20 Bar	Yes	Double
SPT085655LJV	For oils, mineral greases, nitrogen, gasoline...	UNF 9/16 x 18	08 mm	50,2 mm ²	14,0 mm	80 gr	20 Bar	Yes	Double
SPT085656LJKV	Perfluoroelastomer in the fluid	UNF 3/4 x 16	08 mm	50,2 mm ²	14,0 mm	80 gr	20 Bar	Yes	Double
SPT085656LJV	For oils, mineral greases, nitrogen, gasoline...	UNF 3/4 x 16	08 mm	50,2 mm ²	14,0 mm	80 gr	20 Bar	Yes	Double

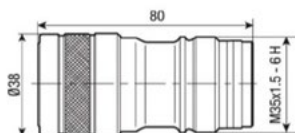
STÄUBLI SPT 12



SPT 12 (1)

Male thread socket

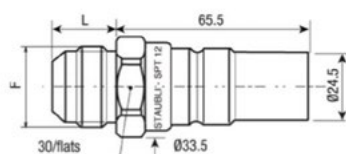
Code	Application	F thread or hose Ø	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Option break-away	Shut-off system
SPT121658LJKV	Perfluoroelastomer in the fluid	UNF 1 1/16 x 12	12 mm	113 mm ²	21,9 mm	260 gr	20 Bar	No	Double
SPT121658LJV	For oils, mineral greases, nitrogen, gasoline...	UNF 1 1/16 x 12	12 mm	113 mm ²	21,9 mm	260 gr	20 Bar	No	Double



SPT 12 (2)

No thread plug

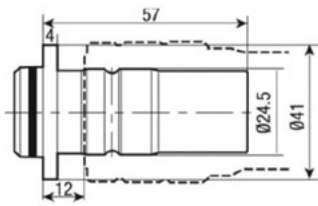
Code	Application	F thread or hose Ø	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Option break-away	Shut-off system
N00916198	For oils, mineral greases, nitrogen, gasoline...	M 35 x 1,5	12 mm	113 mm ²	-	260 gr	20 Bar	No	Double



SPT 12 (3)

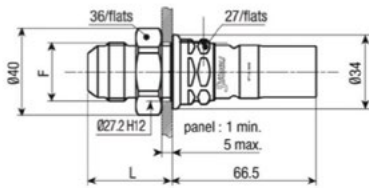
Male thread plug

Code	Application	F thread or hose Ø	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Option break-away	Shut-off system
SPT127658LJKV	Perfluoroelastomer in the fluid	UNF 1 1/16 x 12	12 mm	113 mm ²	21,9 mm	260 gr	20 Bar	No	Double
SPT127658LJV	For oils, mineral greases, nitrogen, gasoline...	UNF 1 1/16 x 12	12 mm	113 mm ²	21,9 mm	260 gr	20 Bar	No	Double



STÄUBLI
SPT 12 (4)
No thread male plug

Code	Application	F thread or hose Ø	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Option break-away	Shut-off system
N00916298	For oils, mineral greases, nitrogen, gazoline...	-	-	113 mm ²	-	260 gr	20 Bar	No	Doppia

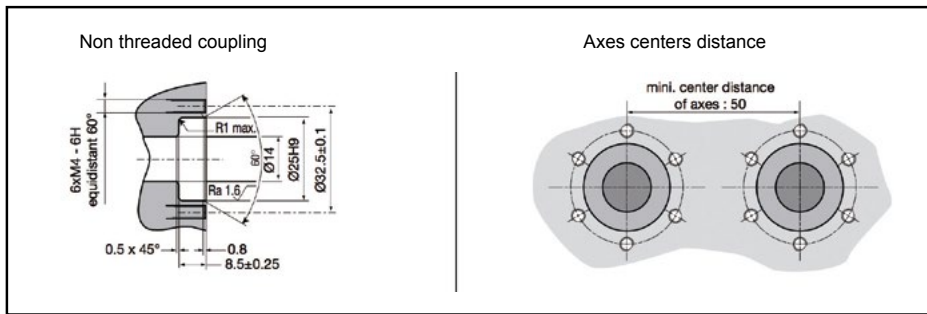


STÄUBLI
SPT 12 (5)
Panel mounted plug

Code	Application	F thread or hose Ø	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Option break-away	Shut-off system
SPT125658LJKV	Perfluoroelastomer in the fluid	UNF 1 1/16 x 12	12 mm	113 mm ²	39 mm	260 gr	20 Bar	No	Double
SPT125658LJV	For oils, mineral greases, nitrogen, gazoline...	UNF 1 1/16 x 12	12 mm	113 mm ²	39 mm	260 gr	20 Bar	No	Double



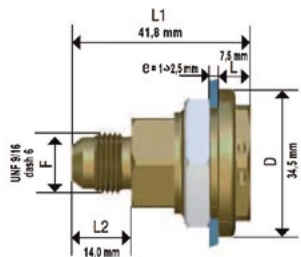
Requirements for SPT 12 Series fittings installation



STÄUBLI DRY BREAK COUPLING

Dry Break couplings

Designed to prevent any risk soiling of the track due to oil leaks, the fittings of the SPM series are fully integrated into the crankcase.



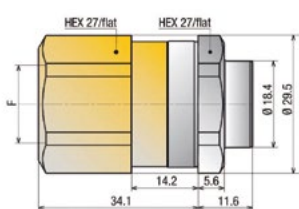
STÄUBLI
Dry Break Couplings

Code	Description
SPM082655RGJV	Socket, male thread

STÄUBLI
Dry Break Couplings

Quick release safety plug with bottle, anti-dripping design.

Code	Description
SPM087001RGJV	Plug with bottle



STÄUBLI
Dry Break Couplings

Code	Description
SPM087102RGJV	Plug, female thread

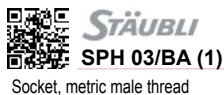
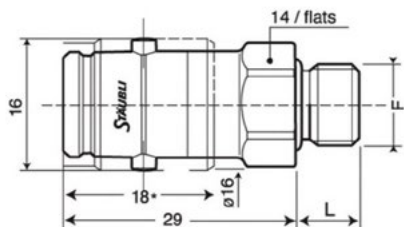
High pressure - Fuel, Brake & Clutch lines

Stäubli Clean-break coupling for high pressure circuits.

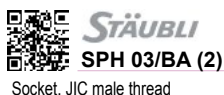
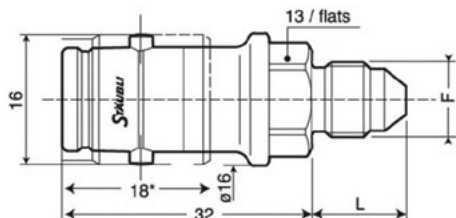
Staunch resistance: even subjected to extreme vibrations, the connections are perfectly safe thanks to the bayonet locking system. Easy to identify thanks to their blue or green color, the titanium version are particularly strong.

Lightness: in red or yellow aluminium and from only 23 g, the SPH/BA range includes a "featherweight" version.

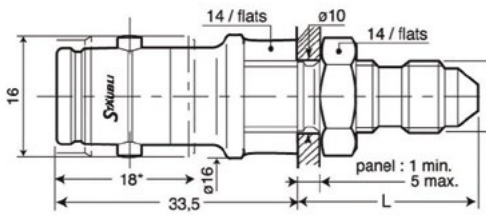
STÄUBLI SPH 03/BA



Code	Application	F thread	Material	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Connecting/ disconnecting pressure	Disconnecting fluid loss	Shut-off system	Colour
SPH031410BALKJJE	For brake fluid	M 10 x 1,0	Aluminium	03 mm	7,1 mm ²	8 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Yellow
SPH031410BALKJJV	For oils, mineral greases, nitrogen, gazoline...	M 10 x 1,0	Aluminium	03 mm	7,1 mm ²	8 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Yellow
SPH031410BALKRJE	For brake fluid	M 10 x 1,0	Aluminium	03 mm	7,1 mm ²	8 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Red
SPH031410BALKRJV	For oils, mineral greases, nitrogen, gazoline...	M 10 x 1,0	Aluminium	03 mm	7,1 mm ²	8 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Red
SPH031410BATIKBJE	For brake fluid	M 10 x 1,0	Titanium	03 mm	7,1 mm ²	8 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Blue
SPH031410BATIKBJV	For oils, mineral greases, nitrogen, gazoline...	M 10 x 1,0	Titanium	03 mm	7,1 mm ²	8 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Blue
SPH031410BATIKVJE	For brake fluid	M 10 x 1,0	Titanium	03 mm	7,1 mm ²	8 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Green
SPH031410BATIKJVJ	For oils, mineral greases, nitrogen, gazoline...	M 10 x 1,0	Titanium	03 mm	7,1 mm ²	8 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Green

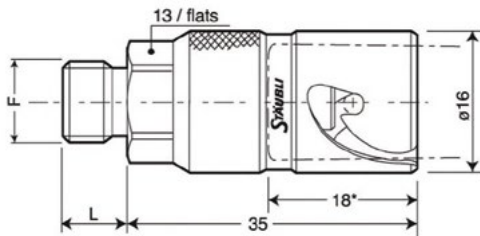


Code	Application	F thread	Material	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Connecting/ disconnecting pressure	Disconnecting fluid loss	Shut-off system	Colour
SPH031652BALKJJE	For brake fluid	UNF 3/8 x 24	Aluminium	03 mm	7,1 mm ²	12 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Yellow
SPH031652BALKJJV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/8 x 24	Aluminium	03 mm	7,1 mm ²	12 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Yellow
SPH031652BALKRJE	For brake fluid	UNF 3/8 x 24	Aluminium	03 mm	7,1 mm ²	12 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Red
SPH031652BALKRJV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/8 x 24	Aluminium	03 mm	7,1 mm ²	12 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Red
SPH031652BATIKBJE	For brake fluid	UNF 3/8 x 24	Titanium	03 mm	7,1 mm ²	12 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Blue
SPH031652BATIKBJV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/8 x 24	Titanium	03 mm	7,1 mm ²	12 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Blue
SPH031652BATIKVJE	For brake fluid	UNF 3/8 x 24	Titanium	03 mm	7,1 mm ²	12 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Green
SPH031652BATIKJVJ	For oils, mineral greases, nitrogen, gazoline...	UNF 3/8 x 24	Titanium	03 mm	7,1 mm ²	12 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Green
SPH031653BALKJJE	For brake fluid	UNF 7/16 x 20	Aluminium	03 mm	7,1 mm ²	12 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Yellow
SPH031653BALKJJV	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	Aluminium	03 mm	7,1 mm ²	12 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Yellow
SPH031653BALKRJE	For brake fluid	UNF 7/16 x 20	Aluminium	03 mm	7,1 mm ²	12 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Red
SPH031653BALKRJV	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	Aluminium	03 mm	7,1 mm ²	12 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Red
SPH031653BATIKBJE	For brake fluid	UNF 7/16 x 20	Titanium	03 mm	7,1 mm ²	12 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Blue
SPH031653BATIKBJV	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	Titanium	03 mm	7,1 mm ²	12 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Blue
SPH031653BATIKVJE	For brake fluid	UNF 7/16 x 20	Titanium	03 mm	7,1 mm ²	12 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Green
SPH031653BATIKJVJ	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	Titanium	03 mm	7,1 mm ²	12 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Green



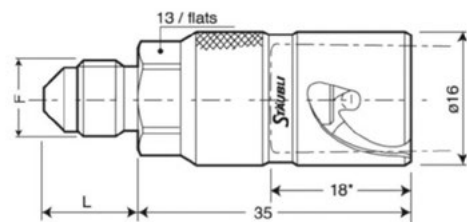
Panel mounted socket, JIC male thread

Code	Application	F thread	Material	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Connecting/ disconnecting pressure	Disconnecting fluid loss	Shut-off system	Colour
SPH032652BALKJJE	For brake fluid	UNF 3/8 x 24	Aluminium	03 mm	7,1 mm ²	24 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Yellow
SPH032652BALKJ JV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/8 x 24	Aluminium	03 mm	7,1 mm ²	24 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Yellow
SPH032652BALKRJE	For brake fluid	UNF 3/8 x 24	Aluminium	03 mm	7,1 mm ²	24 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Red
SPH032652BALKRJV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/8 x 24	Aluminium	03 mm	7,1 mm ²	24 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Red
SPH032652BATIKBJE	For brake fluid	UNF 3/8 x 24	Titanium	03 mm	7,1 mm ²	24 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Blue
SPH032652BATIKBJV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/8 x 24	Titanium	03 mm	7,1 mm ²	24 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Blue
SPH032652BATIKVJE	For brake fluid	UNF 3/8 x 24	Titanium	03 mm	7,1 mm ²	24 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Green
SPH032652BATIKVJV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/8 x 24	Titanium	03 mm	7,1 mm ²	24 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Green



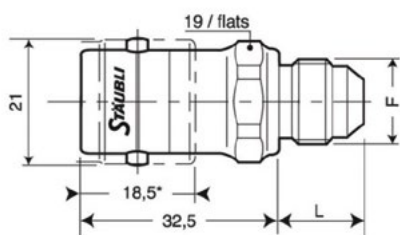
Plug, metric male thread

Code	Application	F thread	Material	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Connecting/ disconnecting pressure	Disconnecting fluid loss	Shut-off system	Colour
SPH037410BALKJJE	For brake fluid	M 10 x 1,0	Aluminium	03 mm	7,1 mm ²	8 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Yellow
SPH037410BALKJ JV	For oils, mineral greases, nitrogen, gazoline...	M 10 x 1,0	Aluminium	03 mm	7,1 mm ²	8 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Yellow
SPH037410BALKRJE	For brake fluid	M 10 x 1,0	Aluminium	03 mm	7,1 mm ²	8 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Red
SPH037410BALKRJV	For oils, mineral greases, nitrogen, gazoline...	M 10 x 1,0	Aluminium	03 mm	7,1 mm ²	8 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Red



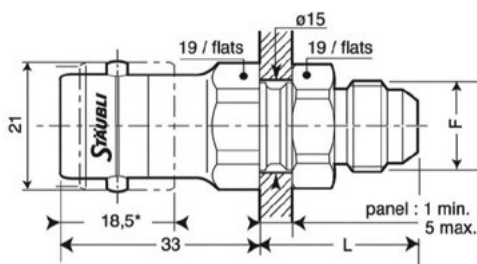
Plug, JIC male thread

Code	Application	F thread	Material	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Connecting/ disconnecting pressure	Disconnecting fluid loss	Shut-off system	Colour
SPH037652BALKJJE	For brake fluid	UNF 3/8 x 24	Aluminium	03 mm	7,1 mm ²	12 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Yellow
SPH037652BALKJ JV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/8 x 24	Aluminium	03 mm	7,1 mm ²	12 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Yellow
SPH037652BALKRJE	For brake fluid	UNF 3/8 x 24	Aluminium	03 mm	7,1 mm ²	12 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Red
SPH037652BALKRJV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/8 x 24	Aluminium	03 mm	7,1 mm ²	12 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Red
SPH037652BATIKBJE	For brake fluid	UNF 3/8 x 24	Titanium	03 mm	7,1 mm ²	12 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Blue
SPH037652BATIKBJV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/8 x 24	Titanium	03 mm	7,1 mm ²	12 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Blue
SPH037652BATIKVJE	For brake fluid	UNF 3/8 x 24	Titanium	03 mm	7,1 mm ²	12 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Green
SPH037652BATIKVJV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/8 x 24	Titanium	03 mm	7,1 mm ²	12 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Green
SPH037653BALKJJE	For brake fluid	UNF 7/16 x 20	Aluminium	03 mm	7,1 mm ²	14 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Yellow
SPH037653BALKJ JV	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	Aluminium	03 mm	7,1 mm ²	14 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Yellow
SPH037653BALKRJE	For brake fluid	UNF 7/16 x 20	Aluminium	03 mm	7,1 mm ²	14 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Red
SPH037653BALKRJV	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	Aluminium	03 mm	7,1 mm ²	14 mm	23 gr	200 Bar	15 Bar	0,002 cm ³	Double	Red
SPH037653BATIKBJE	For brake fluid	UNF 7/16 x 20	Titanium	03 mm	7,1 mm ²	14 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Blue
SPH037653BATIKBJV	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	Titanium	03 mm	7,1 mm ²	14 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Blue
SPH037653BATIKVJE	For brake fluid	UNF 7/16 x 20	Titanium	03 mm	7,1 mm ²	14 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Green
SPH037653BATIKVJV	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	Titanium	03 mm	7,1 mm ²	14 mm	34 gr	350 Bar	15 Bar	0,002 cm ³	Double	Green



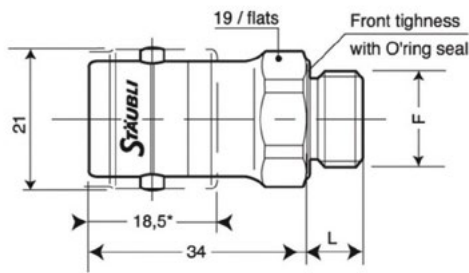
STÄUBLI
SPH 05/BA (1)
Socket, JIC male thread

Code	Application	F thread	Material	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Connecting/ disconnecting pressure	Disconnecting fluid loss	Shut-off system	Colour
SPH051653BALKJJE	For brake fluid	UNF 7/16 x 20	Aluminium	05 mm	19,6 mm ²	14 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Yellow
SPH051653BALKJJV	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	Aluminium	05 mm	19,6 mm ²	14 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Yellow
SPH051653BALKRJE	For brake fluid	UNF 7/16 x 20	Aluminium	05 mm	19,6 mm ²	14 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Red
SPH051653BALKRJV	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	Aluminium	05 mm	19,6 mm ²	14 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Red
SPH051653BATIKBJE	For brake fluid	UNF 7/16 x 20	Titanium	05 mm	19,6 mm ²	14 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Blue
SPH051653BATIKBJV	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	Titanium	05 mm	19,6 mm ²	14 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Blue
SPH051653BATIKVJE	For brake fluid	UNF 7/16 x 20	Titanium	05 mm	19,6 mm ²	14 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Green
SPH051653BATIKJVJ	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	Titanium	05 mm	19,6 mm ²	14 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Green
SPH051655BALKJJE	For brake fluid	UNF 9/16 x 18	Aluminium	05 mm	19,6 mm ²	14 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Yellow
SPH051655BALKJJV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	Aluminium	05 mm	19,6 mm ²	14 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Yellow
SPH051655BALKRJE	For brake fluid	UNF 9/16 x 18	Aluminium	05 mm	19,6 mm ²	14 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Red
SPH051655BALKRJV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	Aluminium	05 mm	19,6 mm ²	14 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Red
SPH051655BATIKBJE	For brake fluid	UNF 9/16 x 18	Titanium	05 mm	19,6 mm ²	14 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Blue
SPH051655BATIKBJV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	Titanium	05 mm	19,6 mm ²	14 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Blue
SPH051655BATIKVJE	For brake fluid	UNF 9/16 x 18	Titanium	05 mm	19,6 mm ²	14 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Green
SPH051655BATIKJVJ	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	Titanium	05 mm	19,6 mm ²	14 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Green



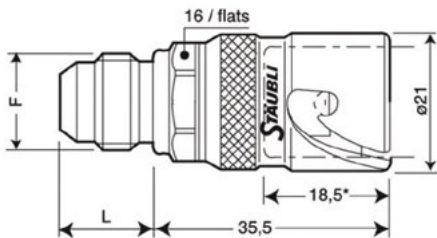
STÄUBLI
SPH 05/BA (2)
Panel mounted socket, JIC male thread

Code	Application	F thread	Material	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Connecting/ disconnecting pressure	Disconnecting fluid loss	Shut-off system	Colour
SPH052653BALKJJE	For brake fluid	UNF 7/16 x 20	Aluminium	05 mm	19,6 mm ²	26 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Yellow
SPH052653BALKJJV	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	Aluminium	05 mm	19,6 mm ²	26 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Yellow
SPH052653BALKRJE	For brake fluid	UNF 7/16 x 20	Aluminium	05 mm	19,6 mm ²	26 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Red
SPH052653BALKRJV	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	Aluminium	05 mm	19,6 mm ²	26 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Red
SPH052655BALKJJE	For brake fluid	UNF 9/16 x 18	Aluminium	05 mm	19,6 mm ²	26 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Yellow
SPH052655BALKJJV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	Aluminium	05 mm	19,6 mm ²	26 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Yellow
SPH052655BALKRJE	For brake fluid	UNF 9/16 x 18	Aluminium	05 mm	19,6 mm ²	26 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Red
SPH052655BALKRJV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	Aluminium	05 mm	19,6 mm ²	26 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Red



STÄUBLI
SPH 05/BA (3)
Socket, metric male thread

Code	Application	F thread	Material	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Connecting/ disconnecting pressure	Disconnecting fluid loss	Shut-off system	Colour
SPH051412BATIKBJE	For brake fluid	M 12 x 1,0	Titanium	05 mm	19,6 mm ²	9 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Blue
SPH051412BATIKBJV	For oils, mineral greases, nitrogen, gazoline...	M 12 x 1,0	Titanium	05 mm	19,6 mm ²	9 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Blue
SPH051412BATIKVJE	For brake fluid	M 12 x 1,0	Titanium	05 mm	19,6 mm ²	9 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Green
SPH051412BATIKJVJ	For oils, mineral greases, nitrogen, gazoline...	M 12 x 1,0	Titanium	05 mm	19,6 mm ²	9 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Green



STÄUBLI
SPH 05/BA (4)
Plug, JIC male thread

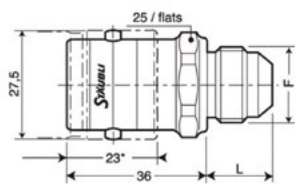
Code	Application	F thread	Material	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Connecting/ disconnecting pressure	Disconnecting fluid loss	Shut-off system	Colour
SPH057653BALKJJE	For brake fluid	UNF 7/16 x 20	Aluminium	05 mm	19,6 mm ²	14 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Yellow
SPH057653BALKJVV	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	Aluminium	05 mm	19,6 mm ²	14 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Yellow
SPH057653BALKRJE	For brake fluid	UNF 7/16 x 20	Aluminium	05 mm	19,6 mm ²	14 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Red
SPH057653BALKRVJ	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	Aluminium	05 mm	19,6 mm ²	14 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Red
SPH057653BATIKBJE	For brake fluid	UNF 7/16 x 20	Titanium	05 mm	19,6 mm ²	14 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Blue
SPH057653BATIKBJV	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	Titanium	05 mm	19,6 mm ²	14 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Blue
SPH057653BATIKVJE	For brake fluid	UNF 7/16 x 20	Titanium	05 mm	19,6 mm ²	14 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Green
SPH057653BATIKJVJ	For oils, mineral greases, nitrogen, gazoline...	UNF 7/16 x 20	Titanium	05 mm	19,6 mm ²	14 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Green
SPH057655BALKJJE	For brake fluid	UNF 9/16 x 18	Aluminium	05 mm	19,6 mm ²	14 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Yellow
SPH057655BALKJVV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	Aluminium	05 mm	19,6 mm ²	14 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Yellow
SPH057655BALKRJE	For brake fluid	UNF 9/16 x 18	Aluminium	05 mm	19,6 mm ²	14 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Red
SPH057655BALKRVJ	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	Aluminium	05 mm	19,6 mm ²	14 mm	33,5 gr	160 Bar	10 Bar	0,02 cm ³	Double	Red
SPH057655BATIKBJE	For brake fluid	UNF 9/16 x 18	Titanium	05 mm	19,6 mm ²	14 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Blue
SPH057655BATIKBJV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	Titanium	05 mm	19,6 mm ²	14 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Blue
SPH057655BATIKVJE	For brake fluid	UNF 9/16 x 18	Titanium	05 mm	19,6 mm ²	14 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Green
SPH057655BATIKJVJ	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	Titanium	05 mm	19,6 mm ²	14 mm	49 gr	220 Bar	10 Bar	0,02 cm ³	Double	Green

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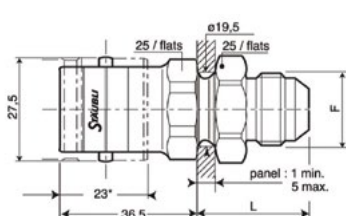
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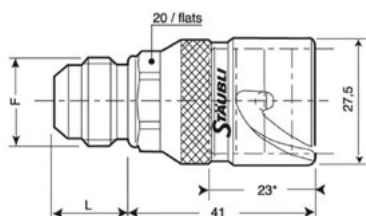
STÄUBLI
SPH 08/BA (1)
Socket, JIC male thread

Code	Application	F thread	Material	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Connecting/ disconnecting pressure	Disconnecting fluid loss	Shut-off system	Colour
SPH081655BALKJJE	For brake fluid	UNF 9/16 x 18	Aluminium	08 mm	50,3 mm ²	14 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Yellow
SPH081655BALKJVV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	Aluminium	08 mm	50,3 mm ²	14 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Yellow
SPH081655BALKRJE	For brake fluid	UNF 9/16 x 18	Aluminium	08 mm	50,3 mm ²	14 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Red
SPH081655BALKRJV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	Aluminium	08 mm	50,3 mm ²	14 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Red
SPH081656BALKJJE	For brake fluid	UNF 3/4 x 16	Aluminium	08 mm	50,3 mm ²	16,5 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Yellow
SPH081656BALKJVV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/4 x 16	Aluminium	08 mm	50,3 mm ²	16,5 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Yellow
SPH081656BALKRJE	For brake fluid	UNF 3/4 x 16	Aluminium	08 mm	50,3 mm ²	16,5 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Red
SPH081656BALKRJV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/4 x 16	Aluminium	08 mm	50,3 mm ²	16,5 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Red



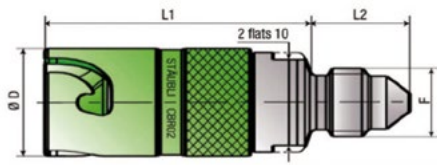
STÄUBLI
SPH 08/BA (2)
Panel mounted socket, JIC male thread

Code	Application	F thread	Material	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Connecting/ disconnecting pressure	Disconnecting fluid loss	Shut-off system	Colour
SPH082655BALKJJE	For brake fluid	UNF 9/16 x 18	Aluminium	08 mm	50,3 mm ²	27 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Yellow
SPH082655BALKJVV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	Aluminium	08 mm	50,3 mm ²	27 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Yellow
SPH082655BALKRJE	For brake fluid	UNF 9/16 x 18	Aluminium	08 mm	50,3 mm ²	27 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Red
SPH082655BALKRJV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	Aluminium	08 mm	50,3 mm ²	27 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Red
SPH082656BALKJJE	For brake fluid	UNF 3/4 x 16	Aluminium	08 mm	50,3 mm ²	30 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Yellow
SPH082656BALKJVV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/4 x 16	Aluminium	08 mm	50,3 mm ²	30 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Yellow
SPH082656BALKRJE	For brake fluid	UNF 3/4 x 16	Aluminium	08 mm	50,3 mm ²	30 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Red
SPH082656BALKRJV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/4 x 16	Aluminium	08 mm	50,3 mm ²	30 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Red



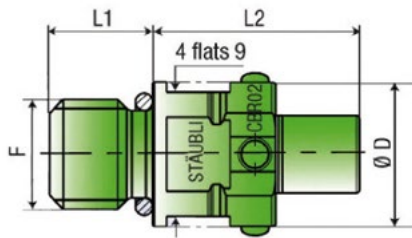
STÄUBLI
SPH 08/BA (3)
Plug, JIC male thread

Code	Application	F thread	Material	Flow Ø	Cross section	L measure	Weight socket + plug	Max. operating pressure	Connecting/ disconnecting pressure	Disconnecting fluid loss	Shut-off system	Colour
SPH087655BALKJJE	For brake fluid	UNF 9/16 x 18	Aluminium	08 mm	50,3 mm ²	14 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Yellow
SPH087655BALKJVV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	Aluminium	08 mm	50,3 mm ²	14 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Yellow
SPH087655BALKRJE	For brake fluid	UNF 9/16 x 18	Aluminium	08 mm	50,3 mm ²	14 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Red
SPH087655BALKRJV	For oils, mineral greases, nitrogen, gazoline...	UNF 9/16 x 18	Aluminium	08 mm	50,3 mm ²	14 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Red
SPH087656BALKJJE	For brake fluid	UNF 3/4 x 16	Aluminium	08 mm	50,3 mm ²	16,5 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Yellow
SPH087656BALKJVV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/4 x 16	Aluminium	08 mm	50,3 mm ²	16,5 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Yellow
SPH087656BALKRJE	For brake fluid	UNF 3/4 x 16	Aluminium	08 mm	50,3 mm ²	16,5 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Red
SPH087656BALKRJV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/4 x 16	Aluminium	08 mm	50,3 mm ²	16,5 mm	61 gr	80 Bar	3 Bar	0,03 cm ³	Double	Red



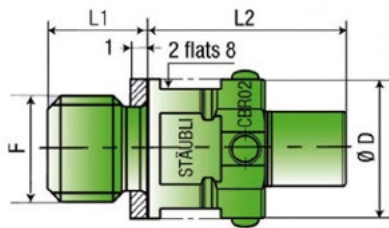
STÄUBLI
CBR 02 (1)
Socket, JIC thread

Code	Application	F thread	D Ø	Colour	L1 measure	L2 measure
CBR021651TIKBJV	For oils, mineral greases, nitrogen, gazoline...	UNF 5/16 x 24	12,5 mm	Blue	31,5 mm	11,5 mm
CBR021652TIKBJE	For brake fluid	UNF 3/8 x 24	12,5 mm	Blue	31,5 mm	12,2 mm
CBR021652TIKBJV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/8 x 24	12,5 mm	Blue	31,5 mm	12,2 mm
CBR021652TIKVJE	For brake fluid	UNF 3/8 x 24	12,5 mm	Green	31,5 mm	12,2 mm
CBR021652TIKVJV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/8 x 24	12,5 mm	Green	31,5 mm	12,2 mm



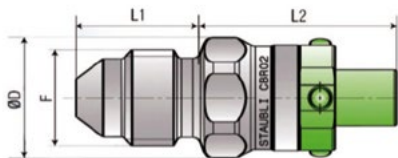
STÄUBLI
CBR 02 (2)
Plug, JIC thread

Code	Application	F thread	D Ø	Colour	L1 measure	L2 measure
CBR027409TIKBJEUN	For brake fluid	UNF 3/8 x 24	12 mm	Blue	7 mm	16 mm
CBR027409TIKBJVUN	For oils, mineral greases, nitrogen, gazoline...	UNF 3/8 x 24	12 mm	Blue	7 mm	16 mm



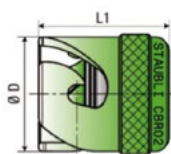
STÄUBLI
CBR 02 (3)
Plug with copper seal, metric thread

Code	Application	F thread	D Ø	Colour	L1 measure	L2 measure
CBR027410TIKBJV	For oils, mineral greases, nitrogen, gazoline...	M 10 x 1,0	14 mm	Blue	8 mm	16,5 mm
CBR027410TIKVJE	For brake fluid	M 10 x 1,0	14 mm	Green	8 mm	16,5 mm



STÄUBLI
CBR 02 (4)
Plug for hose, JIC thread

Code	Application	F thread	D Ø	Colour	L1 measure	L2 measure
CBR027652TIKBJE	For brake fluid	UNF 3/8 x 24	12 mm	Blue	12,2 mm	19,7 mm
CBR027652TIKBJV	For oils, mineral greases, nitrogen, gazoline...	UNF 3/8 x 24	12 mm	Blue	12,2 mm	19,7 mm



STÄUBLI
CBR 02 (5)
Tight plug cap

Code	Application	F thread	D Ø	Colour	L1 measure	L2 measure
CBR028550TIKBJE	For brake fluid	-	12,5 mm	Blue	14,3 mm	19,7 mm
CBR028550TIKBJV	For oils, mineral greases, nitrogen, gazoline...	-	12,5 mm	Blue	14,3 mm	19,7 mm
CBR028550TIKVJE	For brake fluid	-	12,5 mm	Green	14,3 mm	19,7 mm
CBR028550TIKVJV	For oils, mineral greases, nitrogen, gazoline...	-	12,5 mm	Green	14,3 mm	19,7 mm

FULL COUPLINGS (WITHOUT FERRULES)

HYDRAFLOW
Hydraflow

Hydraflow specialises in creating engineered solutions for moving low pressure fluid within high technology platforms.

The Hydraflow 14J21 Clamshell is a threadless flexible coupling with a unique safety feature for fluid transfer in motorsport applications and used with industry standard flanges.

Operating pressure:

-08 to -12 = 500 PSIG
-16 to -64 = 155 PSIG

Proof pressure:

-08 to -12 = 750 PSIG
-16 to -64 = 227 PSIG

Burst pressure:

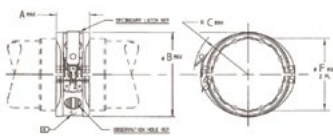
-08 to -12 = 1000 PSIG
-16 to -64 = 382 PSIG

Operating temperature:

-65°F to +450°F (depending on coupling material)

Notes:

The coupling meets the performance requirements of AS1650



Code	Outer tube Ø	Material	A max.	B max.	C max.	Weight	O-Ring ref.
14J21-08A	0.500"	Aluminium	0.85"	1.06"	0.89"	0.033 lbs	150-08-015V75
14J21-10A	0.625"	Aluminium	0.85"	1.16"	0.95"	0.036 lbs	150-10-017V75
14J21-12A	0.750"	Aluminium	0.95"	1.27"	1.04"	0.046 lbs	150-12-117V75
14J21-16A	1.000"	Aluminium	1.04"	1.49"	1.18"	0.061 lbs	150-16-214V75
14J21-20A	1.250"	Aluminium	1.04"	1.74"	1.29"	0.069 lbs	150-20-218V75
14J21-24A	1.500"	Aluminium	1.04"	2.03"	1.43"	0.078 lbs	150-24-222V75
14J21-28A	1.750"	Aluminium	1.04"	2.24"	1.55"	0.084 lbs	150-28-224V75
14J21-32A	2.000"	Aluminium	1.08"	2.53"	1.69"	0.101 lbs	150-32-226V75
14J21-36A	2.250"	Aluminium	1.08"	2.87"	1.80"	0.112 lbs	150-36-228V75
14J21-40A	2.500"	Aluminium	1.09"	3.08"	1.91"	0.130 lbs	150-40-230V75
14J21-48A	3.000"	Aluminium	1.13"	3.69"	2.18"	0.187 lbs	150-48-234V75
14J21-56A	3.500"	Aluminium	1.13"	4.19"	2.44"	0.223 lbs	150-56-238V75
14J21-64A	4.000"	Aluminium	1.13"	4.79"	2.68"	0.248 lbs	150-64-242V75

ADEL WIGGINS
Wiggins

Wiggins W900 Clamshell Couplings are "quick release" couplings designed for use with low/medium pressure (Operating pressure 125 PSI) fabricated aluminium water, oil and air. The unique design of the clamp allows for +/- 4° of angular misalignment and also 6.35mm total axial movement with rigid pipe/tube assemblies. Combining lightness and strength, Wiggins clamps also eliminate the necessity of heavy and untidy hose clips, whilst saving assembly time.

The W900 range uses a locking latch design, that can be coupled/uncoupled with one hand. The locking latch eliminates the need for lock wire.

Wiggins clamps are used in high level motorsport globally; the lightweight design of these clamps in conjunction with the ability to connect/disconnect in seconds make the W900 a popular choice.

The W900 has been qualified to the military and aerospace requirements of specifications MIL-C-22263.

Plus over twenty years of proven reliability within the motorsports industry.

Operating pressure: 125 psi

Burst pressure: 375 psi

Operating temperature: -120°F to +800°F (depending on coupling material)

Flexibility: (Max. angular misalignment) ± 4° total angular tube flexure)

Flexure capability: 28.000 per 3" flexure

Axial movement: up to +1/8 inch from initially centred

Electrical bonding: (resistance) Conforms to MIL-B5087.class SA (< 1 ohm)

Qualification specification: MIL-C-22263

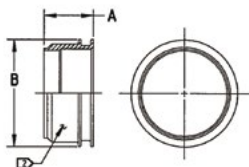
Seals: standard AS568 O-Ring sizes provided by user, with O-Ring material selected to suit the application.



Code	Outer tube Ø	Material	A max.	B max.	C max.	Weight	O-Ring ref.
W991-08DE	0.500"	Aluminium	0.739"	0.851"	0.90"	0.034 lbs	FCO-08V
W991-10DE	0.625"	Aluminium	0.739"	0.976"	0.96"	0.038 lbs	FCO-10V
W991-12DE	0.750"	Aluminium	0.829"	1.156"	1.04"	0.043 lbs	FCO-12V
W991-16DE	1"	Aluminium	0.923"	1.432"	1.16"	0.052 lbs	FCO-16V
W991-20DE	1.250"	Aluminium	0.923"	1.682"	1.27"	0.058 lbs	FCO-20V
W991-24DE	1.500"	Aluminium	0.923"	1.952"	1.40"	0.062 lbs	FCO-24V
W991-28DE	1.750"	Aluminium	0.923"	2.211"	1.52"	0.070 lbs	FCO-28V
W991-32DE	2"	Aluminium	0.989"	2.505"	1.66"	0.083 lbs	FCO-32V
W991-40DE	2.5"	Aluminium	0.989"	2.996"	1.90"	0.097 lbs	FCO-40V
W991-48DE	3"	Aluminium	0.989"	3.554"	2.17"	0.144 lbs	FCO-48V
W991-56DE	3.5"	Aluminium	0.989"	4.008"	2.43"	0.176 lbs	FCO-56V

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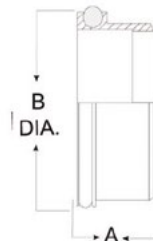
Weld ferrule for Hydraflow clamshell couplings.



Code	Tube OD	Mat	A max.	B max.	Weight	O-Ring
14F03-08D	0.500"	Aluminium	0.739"	0.685"	0.010 lbs	150-08-015V75
14F03-10D	0.625"	Aluminium	0.739"	0.810"	0.013 lbs	150-10-017V75
14F03-12D	0.750"	Aluminium	0.773"	0.990"	0.017 lbs	150-12-117V75
14F03-16D	1.000"	Aluminium	0.828"	1.266"	0.023 lbs	150-16-214V75
14F03-20D	1.250"	Aluminium	0.828"	1.516"	0.030 lbs	150-20-218V75
14F03-24D	1.500"	Aluminium	0.828"	1.786"	0.035 lbs	150-24-222V75
14F03-28D	1.750"	Aluminium	0.828"	2.036"	0.042 lbs	150-28-224V75
14F03-32D	2.000"	Aluminium	0.844"	2.309"	0.051 lbs	150-32-226V75
14F03-36D	2.250"	Aluminium	0.844"	2.559"	0.058 lbs	150-36-228V75
14F03-40D	2.500"	Aluminium	0.844"	2.809"	0.065 lbs	150-40-230V75
14F03-48D	3.000"	Aluminium	0.844"	3.309"	0.079 lbs	150-48-234V75
14F03-56D	3.500"	Aluminium	0.844"	3.821"	0.091 lbs	150-56-238V75
14F03-64D	4.000"	Aluminium	0.844"	4.328"	0.111 lbs	150-64-242V75

ADEL WIGGINS
Wiggins

Weld ferrule for Wiggins clamshell couplings.



Code	Tube OD	Mat	A max.	B max.	Weight	O-Ring
W903B08D	0.500"	Aluminium	0.749"	0.689"	0.010 lbs	FCO-08V
W903B10D	0.625"	Aluminium	0.749"	0.814"	0.012 lbs	FCO-10V
W903B12D	0.750"	Aluminium	0.783"	0.994"	0.016 lbs	FCO-12V
W903B16D	1"	Aluminium	0.838"	1.270"	0.022 lbs	FCO-16V
W903B20D	1.250"	Aluminium	0.838"	1.520"	0.027 lbs	FCO-20V
W903B24D	1.500"	Aluminium	0.838"	1.790"	0.033 lbs	FCO-24V
W903B28D	1.750"	Aluminium	0.838"	2.040"	0.038 lbs	FCO-28V
W903B32D	2"	Aluminium	0.854"	2.313"	0.047 lbs	FCO-32V
W903B40D	2.5"	Aluminium	0.854"	2.813"	0.056 lbs	FCO-40V
W903B48D	3"	Aluminium	0.854"	3.313"	0.069 lbs	FCO-48V
W903B56D	3.5"	Aluminium	0.854"	3.823"	0.081 lbs	FCO-56V