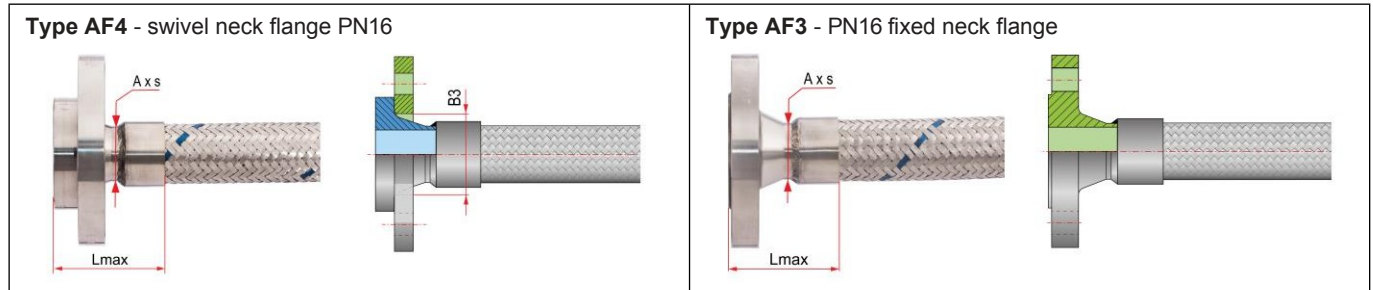




## Metal hose ends - neck flanges PN

Neck flanges according to EN 1092-1 PN16, swivel and fixed, welded for metal hoses. Standard, preferred solution for flanged ends of steel hoses. Flanges in other PN classes, flanges to American ASME standards (ASA 150, ASA 300), square flanges and others available on special request.

For details of the flanges, see *INDUSTRIAL FITTINGS section, Flange Couplings section.*



### End type AF4: rotating (loose) neck flange EN 1092-1 PN16 type 34/04.

DN hose [mm]	DN flange [mm]	PN [bar]	index (carbon steel *)	index (stainless steel AISI 304)	index (stainless steel AISI 316)	index (stainless steel AISI 321)	index (mixed solution - example **)	(EN 1092-1)		L max [mm]
								A x s [mm]	B3 [mm]	
15 (16)	15	40	TK-KOPS-015 TK-KO-015-C	TK-KOPS-015-SS TK-KO-015-SS	TK-KOPS-015-SS316 TK-KO-015-SS316	TK-KOPS-015-SS321 TK-KO-015-SS321	TK-KOPS-015-SS316 TK-KO-015-C	21,3x2,0	35	58
20	20	40	TK-KOPS-020 TK-KO-020-C	TK-KOPS-020-SS TK-KO-020-SS	TK-KOPS-020-SS316 TK-KO-020-SS316	TK-KOPS-020-SS321 TK-KO-020-SS321	TK-KOPS-020-SS316 TK-KO-020-C	26,9x2,3	42	60
25	25	40	TK-KOPS-025 TK-KO-025-C	TK-KOPS-025-SS TK-KO-025-SS	TK-KOPS-025-SS316 TK-KO-025-SS316	TK-KOPS-025-SS321 TK-KO-025-SS321	TK-KOPS-025-SS316 TK-KO-025-C	33,7x2,6	49	65
32	32	40	TK-KOPS-032 TK-KO-032-C	TK-KOPS-032-SS TK-KO-032-SS	TK-KOPS-032-SS316 TK-KO-032-SS316	TK-KOPS-032-SS321 TK-KO-032-SS321	TK-KOPS-032-SS316 TK-KO-032-C	42,4x2,6	59	67
40	40	40	TK-KOPS-040 TK-KO-040-C	TK-KOPS-040-SS TK-KO-040-SS	TK-KOPS-040-SS316 TK-KO-040-SS316	TK-KOPS-040-SS321 TK-KO-040-SS321	TK-KOPS-040-SS316 TK-KO-040-C	48,3x2,6	67	75
50	50	16	TK-KOPS-050 TK-KO-050-C	TK-KOPS-050-SS TK-KO-050-SS	TK-KOPS-050-SS316 TK-KO-050-SS316	TK-KOPS-050-SS321 TK-KO-050-SS321	TK-KOPS-050-SS316 TK-KO-050-C	60,3x2,9	77	75
65	65	16	TK-KOPS-065 TK-KO-065-C	TK-KOPS-065-SS TK-KO-065-SS	TK-KOPS-065-SS316 TK-KO-065-SS316	TK-KOPS-065-SS321 TK-KO-065-SS321	TK-KOPS-065-SS316 TK-KO-065-C	76,1x2,9	96	80
75 (80)	80	16	TK-KOPS-080 TK-KO-080-C	TK-KOPS-080-SS TK-KO-080-SS	TK-KOPS-080-SS316 TK-KO-080-SS316	TK-KOPS-080-SS321 TK-KO-080-SS321	TK-KOPS-080-SS316 TK-KO-080-C	88,9x3,2	108	85
100	100	16	TK-KOPS-100 TK-KO-100-C	TK-KOPS-100-SS TK-KO-100-SS	TK-KOPS-100-SS316 TK-KO-100-SS316	TK-KOPS-100-SS321 TK-KO-100-SS321	TK-KOPS-100-SS316 TK-KO-100-C	114,3x3,6	134	87
125	125	16	TK-KOPS-125 TK-KO-125-C	TK-KOPS-125-SS TK-KO-125-SS	TK-KOPS-125-SS316 TK-KO-125-SS316	TK-KOPS-125-SS321 TK-KO-125-SS321	TK-KOPS-125-SS316 TK-KO-125-C	139,7x4,0	162	95
150	150	16	TK-KOPS-150 TK-KO-150-C	TK-KOPS-150-SS TK-KO-150-SS	TK-KOPS-150-SS316 TK-KO-150-SS316	TK-KOPS-150-SS321 TK-KO-150-SS321	TK-KOPS-150-SS316 TK-KO-150-C	168,3x4,5	188	95

Notes: \* - carbon steel flanges: TK-KOPS-... - black steel (not galvanised); TK-KO-...-C - galvanised steel; \*\* - example of an economic mixed solution: stainless steel weld-on flange, galvanised carbon steel flange.

### AF3 end type: fixed neck flange EN 1092-1 PN16 type 11.

DN hose [mm]	DN flange [mm]	PN [bar]	index (carbon steel *)	index (stainless steel AISI 304)	index (stainless steel AISI 316)	index (stainless steel AISI 321)	A x s (EN 1092-1) [mm]	L max [mm]
15 (16)	15	40	TK-KSS-015	TK-KSS-015-SS	TK-KSS-015-SS316	TK-KSS-015-SS321	21,3x2,0	58
20	20	40	TK-KSS-020	TK-KSS-020-SS	TK-KSS-020-SS316	TK-KSS-020-SS321	26,9x2,3	60
25	25	40	TK-KSS-025	TK-KSS-025-SS	TK-KSS-025-SS316	TK-KSS-025-SS321	33,7x2,6	65
32	32	40	TK-KSS-032	TK-KSS-032-SS	TK-KSS-032-SS316	TK-KSS-032-SS321	42,4x2,6	67
40	40	40	TK-KSS-040	TK-KSS-040-SS	TK-KSS-040-SS316	TK-KSS-040-SS321	48,3x2,6	75
50	50	16	TK-KSS-050	TK-KSS-050-SS	TK-KSS-050-SS316	TK-KSS-050-SS321	60,3x2,9	75
65	65	16	TK-KSS-065	TK-KSS-065-SS	TK-KSS-065-SS316	TK-KSS-065-SS321	76,1x2,9	80
75 (80)	80	16	TK-KSS-080	TK-KSS-080-SS	TK-KSS-080-SS316	TK-KSS-080-SS321	88,9x3,2	85
100	100	16	TK-KSS-100	TK-KSS-100-SS	TK-KSS-100-SS316	TK-KSS-100-SS321	114,3x3,6	87
125	125	16	TK-KSS-125	TK-KSS-125-SS	TK-KSS-125-SS316	TK-KSS-125-SS321	139,7x4,0	95
150	150	16	TK-KSS-150	TK-KSS-150-SS	TK-KSS-150-SS316	TK-KSS-150-SS321	168,3x4,5	95

Notes: \* - black carbon steel flanges (not galvanised).

**Reducing rings for flanges:** If there is a large difference between the outer diameter of the flange neck (A) and the outer diameter of the hose with the sleeve, it may be necessary to use an additional component - a reducing ring TB-PR-... (TB-PRK-...), particularly for hoses with a larger diameter (METALFLEX M and METALICA F from DN125, PARNOR and PARRAP from DN80, multi-pass hoses). Contact Tubes International.

