TRANSFER OIL
Pure Fluid Attitude

Crimping details

Last updated: 14/09/2026

150 - HDH - HEAVY DUTY HYDRAULIC - STEEL ARMOURED

Transfer Oil reserve the rights to introduce improving modifications whenever necessary.
The listed crimping data have been developed in Transfer Oil R&D laboratories and refer to tests carried out on thermoplastic hoses manufactured by Transfer Oil, and specific Transfer Oil approved ferrules and fittings.
Such values are anyway to be considered advisory and not binding for Transfer Oil because the impossibility to consider technical variability like the swaging machine used, the set of crimping dies used, the speed of the crimping process, the tolerances of each single item involved, etc.
For new applications or for hoses, ferrules and fittings not listed in this file please contact us, and we will be happy to help you in finding the best match.

Part no.	Description	Dash	Inches	DN	ID (mm)	OD (mm)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	Ferrule part n°	Ferrule material	Crimping diameter (mm)	Crimping diameter (inch)	Bore collapse (mm)	Bore collapse (inch)	go/nogo gauge	dies set* (mm)
1502	1/4 HDH STEEL ARMOUR MSHA	-4	1/4	DN6	6.5	12.6	500	7200	2000	28800	SAC821	Stainless Steel (A316L)	16.2	0.638	0.7	0.0276	N/A	16
1502	1/4 HDH STEEL ARMOUR MSHA	-4	1/4	DN6	6.5	12.6	500	7200	2000	28800	SAC121	Carbon Steel	16.2	0.638	0.7	0.0276	N/A	16
1504	3/8 HDH STEEL ARMOUR MSHA	-6	3/8	DN10	9.7	16.9	420	6000	1680	24000	SAC841	Stainless Steel (A316L)	20.3	0.799	0.5	0.0197	N/A	19
1504	3/8 HDH STEEL ARMOUR MSHA	-6	3/8	DN10	9.7	16.9	420	6000	1680	24000	SAC141	Carbon Steel	20.3	0.799	0.5	0.0197	N/A	19
1505	1/2 HDH STEEL ARMOUR MSHA	-8	1/2	DN12	13.0	20.5	350	5000	1400	20000	SAC851	Stainless Steel (A316L)	24.1	0.949	0.5	0.0197	N/A	23
1505	1/2 HDH STEEL ARMOUR MSHA	-8	1/2	DN12	13.0	20.5	350	5000	1400	20000	SAC151	Carbon Steel	24.1	0.949	0.5	0.0197	N/A	23
1506	5/8 HDH STEEL ARMOUR MSHA	-10	5/8	DN16	16.3	25.1	250	3600	1000	14400	SA5861	Stainless Steel (A316L)	30.7	1.209	0.5	0.0197	N/A	27
1506	5/8 HDH STEEL ARMOUR MSHA	-10	5/8	DN16	16.3	25.1	250	3600	1000	14400	SA5161	Carbon Steel	30.7	1.209	0.5	0.0197	N/A	27
1507	3/4 HDH STEEL ARMOUR MSHA	-12	3/4	DN20	19.5	28.7	250	3600	1000	14400	SA5871	Stainless Steel (A316L)	33.8	1.331	0.7	0.0276	N/A	31
1507	3/4 HDH STEEL ARMOUR MSHA	-12	3/4	DN20	19.5	28.7	250	3600	1000	14400	SA5171	Carbon Steel	33.8	1.331	0.7	0.0276	N/A	31

* The dies set indicated are a standard die set for FinnPower FP20 swaging machine, as used in the R&D laboratory of Transfer Oil, used to verify the swaging parameters.