

## Flex Cam Hose update

Increased abrasive resistance

### – Longer life time in tools

#### **Background:**

- Sometimes the hoses are damaged by rubbing against the tool surface. It will move a bit during operations, should be clamped enough
- Parker will stop the manufacture of the current 721TC (Tough Cover) hose, see below:



#### **Solution:**

- The new 722ST and 487ST (for 1 ¼" size) replace the 721TC
- 722ST and 487ST are selected and available according to the latest Parker world-wide standard
- The new hoses will have the same bending radius and diameters
- ST means Super Touch Cover giving about 4 times better abrasive resistance



#### **Customer benefits:**

- Lower risk getting abrasive damages during production
- Save time and cost for hose replacements and refilling the system

**Catalog information:**

- Existing catalog page 8.37 below:

**DIMENSIONS FOR ACCESSORIES**

**System hoses**

**E024-Hose Dimensions**  
ISO standard: DIN EN ISO 8434

**Hose, straight – straight**  
(45-90° hose ends not available, see 45-90° adapters)

For Power Unit	Hose size	Thread M	Order No.	A	Ø B	Ø C	D min	E	Rmin*
HCP 015*	3/8"	M 20x1.5	30 222 15 - xxxx	24	24.5	20	50	55	63
HCP 015	1/2"	M 24x1.5	30 214 54 - xxxx	30	28.5	24	50	63	90
HCP 040	3/4"	M30x2	30 214 55 - xxxx	36	35	31	50	72	120
HCP 060 and 090	1"	M36x2	30 214 56 - xxxx	46	44	38	50	83	150
HCP 150	1 1/4"	M42x2	30 214 57 - xxxx	50	52	47	50	109	210

\*\* = Smallest recommended bending radius for the hydraulic hose  
\* = Hose size depends on press velocity, see below:

Power Unit	Standard hose size Max velocity 0.8 m/s	0.6 m/s	0.4 m/s	0.2 m/s
HCP 015	1/2"	3/8"	3/8"	3/8"
HCP 040	3/4"	3/4"	1/2"	1/2"
HCP 060	1"	3/4"	3/4"	1/2"
HCP 090	1"	1"	3/4"	1/2"
HCP 150	1 1/4"	1 1/4"	1"	3/4"

Additional Parker hose info:

Hose size	Inner Ø	Outer Ø	Hose	Max working pressure	Min burst pressure	Hose fitting
3/8"	10	20	721TC-8	280 bar	1120 bar	1C971-12-8
1/2"	12.5	24	721TC-9	280 bar	1120 bar	1C971-16-9
3/4"	19	31	721TC-12	280 bar	1120 bar	1C971-20-12
1"	25	38	721TC-16	280 bar	1120 bar	1C971-25-16
1 1/4"	31.8	47	721TC-20	210 bar	840 bar	1C971-30-20

Note: When ordering hoses direct from Parker make sure to include inside washing and end plugs. This procedure is included when ordering hoses from KALLER.

kaller.com 8.37

**Catalog information to be updated in the next print:**

- Tables to be updated as below, the order numbers remain the same. See yellow markings:

For Power Unit	Hose size	Thread M	Order No.	A	ØB	ØC	D min	E	Rmin*
HCP 015*	3/8"	M 20x1.5	30 222 15 - xxxx	24	22.5	20	50	55	65
HCP 015*	1/2"	M 24x1.5	30 214 54 - xxxx	30	25.5	24	50	63	90
HCP 040	3/4"	M30x2	30 214 55 - xxxx	36	33	31	50	71	120
HCP 060 and 090	1"	M36x2	30 214 56 - xxxx	46	42	38	50	83	150
HCP 150	1 1/4"	M42x2	30 214 57 - xxxx	50	51	47	50	109	210

Hose size	Inner Ø	Outer Ø	Hose	Max working pressure	Min burst pressure	Hose fitting
3/8"	10	20	722ST-6	280 bar	1120 bar	1C943-12-6
1/2"	12.5	24	722ST-8	280 bar	1120 bar	1C943-16-8
3/4"	19	31	722ST-12	280 bar	1120 bar	1C943-20-12
1"	25	38	722ST-16	280 bar	1120 bar	1C943-25-16
1 1/4"	31.8	47	487ST-20	280 bar	1120 bar	1C977-30-20

**The delivery of new hoses starts:**

- Q4 2016