

# Inner Core - OnePatch

**Our OnePatch is a rig ready solution to isolate various casing integrity issues. Its compact design and simple operation enable repairs to be made efficiently, significantly reducing operational expenditure.**

The tool can seal perforations or repair leaking casing while providing a large production conduit to bring the well back online. The device can be snubbed on a live well so there is no requirement to cease production before deployment.

With its robust construction, it is designed to last the life of the well.

## FEATURES

- Bottom-up hydraulic expansion system
- Premium elastomer seal at the top and bottom
- Shoe design enables simple drill out post expansion

## BENEFITS

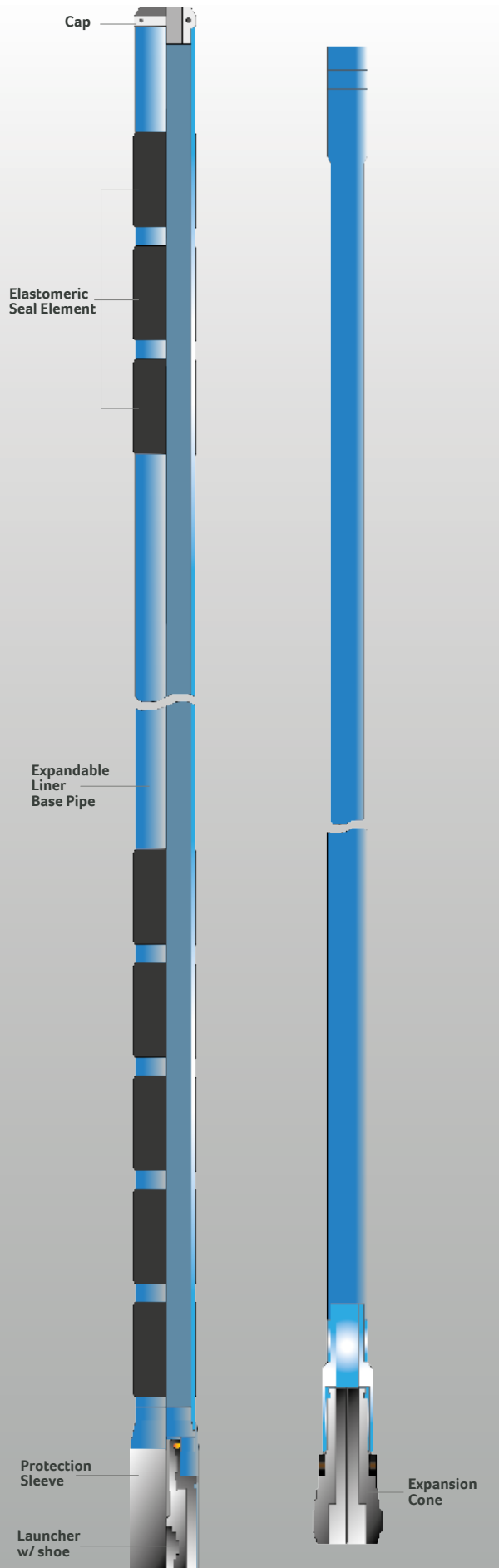
- No personnel required for deployment
- Straddle intervals up to 25ft
- Makes directly up to the workstring
- NACE H<sub>2</sub>S compliant
- Air freight compatible design available
- Deployable on jointed, stick pipe or coiled tubing
- Quickly/immediatly deployable (i.e. these can be on the rig ready for urgent deployment)

## APPLICATIONS

- Isolation of tubular leaks
- Isolation of failed completion components
- Perforation shut off - Isolation of unwanted water & gas
- Isolation sand screen to negate sand ingress
- Perforation shut off – isolation post cement squeeze
- Corrosion isolation

## CORE PRODUCT SYNERGIES (CPS)

- Hi Pro Casing Scraper & Hi Pro Casing Brush
- ADS (Activated Drilling Scraper)
- CX-DB (Drillable Brush)



# SPECIFICATIONS

Parent Casing				Pre-Expanded Running Specifications				Expanded Geometry				Expanded Performance			
OD [in]	Weight [lb/ft]	Wall Thickness [in]	ID [in]	Nominal Drift [in]	OD [in]	Maximum RIH OD [in]	Wall Thickness [in]	DLS Limit [°/100]	OD [in]	Nominal ID [in]	Special Drift [in]	Expansion Ratio [%]	Internal Yield Pressure [psi]	Collapse Pressure [psi]	Material Grade
13.375	77.0	0.550	12.275	12.119	10.750	12.119	0.350	23	12.068	11.432	11.372	13.8	3,933	910	MTX-60
13.375	72.0	0.514	12.347	12.191	10.750	12.191	0.350	23	12.142	11.510	11.450	14.5	3,913	870	MTX-60
13.375	66.0	0.480	12.415	12.259	10.750	12.259	0.350	23	12.212	11.583	11.523	15.3	3,895	840	MTX-60
13.375	54.5	0.380	12.615	12.459	10.750	12.459	0.350	23	12.417	11.798	11.738	17.4	3,840	760	MTX-60
11.875	71.8	0.582	10.711	10.555	9.625	10.555	0.352	26	10.496	9.840	9.780	10.3	4,522	1,480	MTX-60
11.750	65.0	0.534	10.682	10.526	9.625	10.480	0.352	26	10.466	9.809	9.749	9.9	4,532	1,500	MTX-60
11.750	60.0	0.489	10.772	10.616	9.625	10.616	0.352	26	10.559	9.906	9.846	11.0	4,501	1,430	MTX-60
7.000	38.0	0.540	5.920	5.795	5.500	5.795	0.304	45	5.703	5.114	5.054	4.5	7,092	4,570	MTX-60
7.000	35.0	0.498	6.004	5.879	5.500	5.879	0.304	45	5.791	5.209	5.149	6.5	7,020	4,310	MTX-60
7.000	32.0	0.453	6.094	5.969	5.500	5.969	0.304	45	5.884	5.311	5.251	8.6	6,941	4,030	MTX-60
7.000	29.0	0.408	6.184	6.059	5.500	6.059	0.304	45	5.978	5.413	5.353	10.7	6,861	3,770	MTX-60
7.000	26.0	0.362	6.276	6.151	5.500	6.121	0.304	45	6.074	5.518	5.458	12.8	6,777	3,500	MTX-60
7.000	23.0	0.317	6.366	6.241	5.500	6.211	0.304	45	6.168	5.620	5.560	14.9	6,695	3,250	MTX-60
7.000	20.0	0.272	6.456	6.331	5.500	6.301	0.304	45	6.262	5.722	5.662	17.0	6,610	3,010	MTX-60
7.000	38.0	0.540	5.920	5.795	5.500	5.795	0.361	45	5.704	5.004	4.944	4.7	8,426	6,300	MTX-60
7.000	35.0	0.498	6.004	5.879	5.500	5.879	0.361	45	5.761	5.069	5.009	6.1	8,370	6,090	MTX-60
7.000	32.0	0.453	6.094	5.969	5.500	5.969	0.361	45	5.866	5.174	5.114	8.3	8,278	5,750	MTX-60
7.000	29.0	0.408	6.184	6.059	5.500	6.059	0.361	45	5.950	5.279	5.219	10.5	8,183	5,420	MTX-60
7.000	26.0	0.362	6.276	6.151	5.500	6.151	0.361	45	6.047	5.386	5.326	12.7	8,083	5,100	MTX-60
7.000	23.0	0.317	6.366	6.241	5.500	6.241	0.361	45	6.141	5.491	5.431	14.9	7,984	4,790	MTX-60

1. All values are based on MTX-60 material grade. Other material grades are available on request.

2. All values calculated at ambient temperature unless otherwise noted.

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5.500	23.0	0.415	4.670	4.545	4.250	4.515	0.310	58	4.539	3.956	3.896	9.0	9,184	6,830	MTX-60		
5.500	20.0	0.361	4.778	4.653	4.250	4.623	0.310	58	4.652	4.084	4.024	12.5	9,020	6,260	MTX-60		
5.500	17.0	0.304	4.892	4.767	4.250	4.737	0.310	58	4.771	4.218	4.158	16.2	8,839	5,700	MTX-60		
5.500	15.5	0.275	4.950	4.825	4.250	4.795	0.310	58	4.832	4.287	4.227	18.1	8,744	5,420	MTX-60		
5.500	14.0	0.244	5.012	4.887	4.250	4.857	0.310	58	4.897	4.360	4.300	20.1	8,642	5,130	MTX-60		
5.500	23.0	0.415	4.670	4.545	4.250	4.655	0.250	58	4.538	4.066	4.006	8.4	7,399	4,620	MTX-60		
5.500	20.0	0.361	4.778	4.653	4.250	4.655	0.250	58	4.651	4.190	4.130	11.7	7,266	4,180	MTX-60		
5.500	17.0	0.304	4.892	4.767	4.250	4.767	0.250	58	4.770	4.321	4.261	15.2	7,122	3,740	MTX-60		
5.500	15.5	0.275	4.950	4.825	4.250	4.825	0.250	58	4.830	4.387	4.327	17.0	7,047	3,520	MTX-60		
5.500	14.0	0.244	5.012	4.887	4.250	4.857	0.250	58	4.895	4.458	4.398	18.9	6,966	3,300	MTX-60		
5.000	26.7	0.562	3.876	3.751	3.500	3.721	0.254	71	3.768	3.294	3.234	10.1	9,085	6,580	MTX-60		
5.000	24.2	0.500	4.000	3.875	3.500	3.845	0.254	71	3.898	3.441	3.381	15.0	8,852	5,820	MTX-60		
5.000	23.2	0.478	4.044	3.919	3.500	3.701	0.254	71	3.944	3.493	3.433	16.7	8,766	5,570	MTX-60		
5.000	21.4	0.437	4.126	4.001	3.500	3.971	0.254	71	4.030	3.590	3.530	20.0	8,603	5,100	MTX-60		
5.000	20.8	0.422	4.156	4.031	3.500	4.001	0.254	71	4.061	3.625	3.565	21.2	8,542	4,930	MTX-60		
5.000	18.0	0.362	4.276	4.151	3.875	4.121	0.254	64	4.168	3.692	3.632	9.7	8,207	5,530	MTX-60		
4.500	15.1	0.337	3.826	3.701	3.500	3.671	0.254	71	3.716	3.235	3.175	8.1	9,176	6,910	MTX-60		
4.500	13.5	0.290	3.920	3.795	3.500	3.765	0.254	71	3.814	3.346	3.286	11.8	9,004	6,310	MTX-60		
4.500	12.6	0.271	3.958	3.833	3.500	3.803	0.254	71	3.832	3.366	3.306	12.5	8,972	6,200	MTX-60		
4.500	11.6	0.250	4.000	3.875	3.500	3.845	0.254	71	3.876	3.416	3.356	14.2	8,891	5,950	MTX-60		

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